

Model	Manufacturer	Brand	No.	Status	Construction	Size (cm)	Material	Cond	Sliding	Accessories	Front Scale Arrangement	Rear Scale Arrangement	Year Code	Remarks	Box
Tomio式抗耐力算出盤 (Tomio pile strength calculator)	Aichi Architect Association	愛知建築士会	N0435	KEEP	Simplex		Plastic	F		Cardboard box; instructions.				Instructions remain in box.	C11
26	Concise	Concise	N0222	KEEP	Round simplex	7.5	Plastic	G	G	Paper envelope (VP).	L, D C, Cl, A, K	Conversion coefficients		Received from Hiroaki Yoshida ca 1985.	C7
27	Concise	Concise	N0233	KEEP	Round simplex	6.5	Plastic	G	VG	Black plastic pouch (VG).	D C, Cl, C, K	Conversion coefficients		Cursor marked 日立モートル (Hitachi Motor) and 日立スイッチ (Hitachi Switch).	C7
270N	Concise	Concise	N0234	KEEP	Round duplex	9.0	Plastic	VG	VG	Black plastic pouch (VG).	A, D C, Cl, B, K, L	Di, D S, T1, T2, ST			C7
27N	Concise	Concise	N0231	KEEP	Round simplex		Plastic	N	G	Black plastic pouch (VG).	D C, Cl, A, K	Conversion coefficients		Reverse marked, in red, 武田の免疫製剤 (Takeda Immunization Formulations) and what appears to be the Takeda logo.	C7
28N	Concise	Concise	N0227	KEEP	Round simplex	6.5	Plastic	N	VG	Yellow plastic pouch (N).	D C, Cl, A, K	Conversion coefficients		Front marked with logo of the International Slide Rule Group.	C7
28N	Concise	Concise	N0228	KEEP	Round simplex	6.5	Plastic	N	VG	Yellow plastic pouch (N).	D C, Cl, A, K	Conversion coefficients		Front marked with logo of the International Slide Rule Group.	C7
28N	Concise	Concise	N0229	KEEP	Round simplex	6.5	Plastic	N	VG	Yellow plastic pouch (N).	D C, Cl, A, K	Conversion coefficients		Front marked with logo of the International Slide Rule Group.	C7
300	Concise	Concise	N0205	KEEP	Round duplex	10	Plastic	N	VG	Black plastic pouch (N).	K, A, D C, Cl, B, L	LL3, LL2, D C, S, T1, T2, ST		Center of reverse side has International Slide Rule Group logo.	C7
300	Concise	Concise	N0226	KEEP	Round duplex	10	Plastic	N	VG	Black plastic pouch (N).	K, A, D C, Cl, B, L	LL3, LL2, D C, S, T1, T2, ST		Center of reverse side has International Slide Rule Group logo.	C7
31 Calendar Key Holder	Concise	Concise	N0245	KEEP	Round simplex		Plastic	N	VG	Attached to plastic keyholder case.	D C, perpetual calendar calculator				C7
380 Radio Computer	Concise	Concise	N0202	KEEP	Round duplex	10	Plastic	N	VG	Black plastic pouch (N).	L C, F, XL, db, Xomega, db	C L, F, XOmega, Fhz, lambda, F		Center of reverse side has The International Slide Rule Group logo.	C7
380 Radio Computer	Concise	Concise	N0203	KEEP	Round duplex	10	Plastic	N	VG	Black plastic pouch (N).	L C, F, XL, db, Xomega, db	C L, F, XOmega, Fhz, lambda, F		Center of reverse side has The International Slide Rule Group logo.	C7
380 Radio Computer	Concise	Concise	N0204	KEEP	Round duplex	10	Plastic	N	VG	Black plastic pouch (N).	L C, F, XL, db, Xomega, db	C L, F, XOmega, Fhz, lambda, F		Center of reverse side has The International Slide Rule Group logo.	C7
380 Radio Computer	Concise	Concise	N0206	KEEP	Round duplex	10	Plastic	N	VG	Black plastic pouch (N).	L C, F, XL, db, Xomega, db	C L, F, XOmega, Fhz, lambda, F		Center of reverse side has The International Slide Rule Group logo.	C7

380 Radio Computer	Concise	Concise	N0207	KEEP	Round duplex	10	Plastic	N	VG	Black plastic pouch (N).	L C, F, XL, db, Xomega, db	C L, F, XOmega, Fhz, lambda, F		Center of reverse side has The International Slide Rule Group logo.	C7
380 Radio Computer	Concise	Concise	N0219	KEEP	Round duplex	10	Plastic	N	VG	Black plastic pouch (N).	L C, F, XL, db, Xomega, db	C L, F, XOmega, Fhz, lambda, F		Center of reverse side has The International Slide Rule Group logo.	C7
480	Concise	Concise	N0237	KEEP	Round duplex	9.0	Plastic	VG	VG	Black plastic pouch (N).	No. of years, day no. of days, no. of weeks, years, perpetual calendar	A, D C, Cl, B, K, L		Years run from Meiji 1 (1868) thru Heisei 12 (2000).	C7
Michael O'Leary 700	Concise	Concise	N0223	KEEP	Round simplex		Plastic	N	VG	Plastic pouch (N).	D C, Cl, L, A, S, T	Periodic table of the elements. Plastic card insert w/mathematical formulas, chemical/physical data, gas constant values, pressure on one side and conversion coefficient tables on the other side.		Appears to be the same as the Sama & Etani 700. Michael O'Leary Memorial Edition (marked on bottom of front of pouch) and the International Slide Rule Group logo at top of front of pouch. Same markings on front of rule.	C7
Michael O'Leary 700	Concise	Concise	N0224	KEEP	Round simplex		Plastic	N	VG	Plastic pouch (N).	D C, Cl, L, A, S, T	Periodic table of the elements. Plastic card insert w/mathematical formulas, chemical/physical data, gas constant values, pressure on one side and conversion coefficient tables on the other side.		Appears to be the same as the Sama & Etani 700. Michael O'Leary Memorial Edition (marked on bottom of front of pouch) and the International Slide Rule Group logo at top of front of pouch. Same markings on front of rule.	C7
Michael O'Leary 700	Concise	Concise	N0225	KEEP	Round simplex		Plastic	N	VG	Plastic pouch (N).	D C, Cl, L, A, S, T	Periodic table of the elements. Plastic card insert w/mathematical formulas, chemical/physical data, gas constant values, pressure on one side and conversion coefficient tables on the other side.		Appears to be the same as the Sama & Etani 700. Michael O'Leary Memorial Edition (marked on bottom of front of pouch) and the International Slide Rule Group logo at top of front of pouch. Same markings on front of rule.	C7
Stadia Computer	Concise	Concise	N0235	KEEP	Round duplex	8.0	Plastic	N	VG	Black plastic pouch (N).	D O, angle (2 scales)	D C, C', S, T1, T2, ST			C7
Weight (重量)	Concise	Concise	N0220	KEEP	Round simplex	8.0	Plastic	N	VG	Plastic pouch (N).	Wt length, thickness, shapes	Constants for variety of shapes and sizes.			C7
金屬重量計算器	Concise	Concise	N0240	KEEP	Simplex	8.0	Metal	N	VG	Black padded pouch (G).	Wt length, thickness, shapes			Brass.	C7

Cutler-Hammer 27	Concise	Cutler-Hammer	N0238	KEEP	Round simplex	6.5	Plastic	VG.	VG	Black plastic pouch (G) with "Takeda" dividers logo in red on reverse of cursor. Cutler-Hammer on pouch.	D C, Cl, C, K			Similar to Concise 27. Cutler-Hammer marked around inside of obverse, Takeda dividers logo in red on reverse of cursor.	C7
日数計算器 (Number of Days Calculator)	Concise	Hemmi	N0239	KEEP	Round duplex		Plastic	N	VG	None.	Months, day day of year, days of year remaining, perpetual calendar windows	Yearly interest rate table (outer periphery), D C, Cl, P1, P2			C7
120	Concise	J. Sugiyura	N0247	KEEP	Simplex	8.5	Plastic	G	G	Black plastic pouch (G).	R1 < > P1 S < > Q, theta, R ST	cos, sin, A B, T, C, L		Slide rule marked "Sugiyura Slide Rule Institute" and J. Sugiyura. Manual cover marked 実用新案出願中 (utility model applied for). 教材計算尺研究会 (Education Materials Research Association). Pouch has Sugiyura marking.	C7
600	Concise	Kontron Technik	N0241	KEEP	Round simplex	6.0	Plastic	G	VG	Plastic pouch (G).	D C, Cl, L, A, S, T, K	Periodic table of the elements. Plastic card insert w/useful constants & data, energy, pressure, flow rate, velocity, and gas constant values on one side, and conversion coefficient tables on the other side.		Sama & Etani design. Rule and pouch marked "Worthington Service Corporation" and Plastic card insert marked "Copyright 1968 Concise International, Co., Ltd. Insert-CE."	C7
Philips 200	Concise	Philips	N0243	KEEP	Round simplex	6.0	Plastic	VG	VG	Plastic pouch (marked Philips). EN manual.	D C, Cl, L, A, A, T, K	Reactance nomograph. Plastic card insert card 1/color code, h parameters, copper wire table, useful constants & data, unit conversions, orders of magnitude (prefixes), and standard component values on one side, and conversion coefficients on the other side.		Sama & Etani design. Plastic card insert marked "Copyright 1969 Concise International, Co., Ltd. Insert-EE."	C7
Time-Life Books	Concise	Time-Life Books	N0246	KEEP	Round simplex	9.5	Plastic	VG	VG	Plastic pouch				Conversion tables on reverse (no pocket).	C7
Time-Life Books 751	Concise	Time-Life Books	N0244	KEEP	Round simplex		Plastic	VG	VG	Plastic pouch w/clear front (F).	Units, D C, units, perpetual calendar	In/cm scales, F/C conversion chart, length, area, weight, and volume conversion coefficients		Slide rule marked Time-Life Book and bears TIME LIFE BOOKS logo. Pouch marked Time-Life Books on reverse.	C7

Worthington Service 700	Concise	Worthington Service	N0242	KEEP	Round simplex	6.0	Plastic	N	VG	Plastic pouch (G).	D C, Cl, L, A, S, T, K	mm to decimal inches, fractional inches to metric & decimal, weight equivalents, C/F equivalent temperatures. Plastic card insert w/length, area, volume conversions & prefix values on one side, and conversions for pressure, density, weight/force, velocity, flow rate, energy & power on the other side.		Marked TIME-LIFE BOOKS near center and bears TIME LIFE BOOKS logo as well. Reverse marked "Model 700 Copyright 1975 Sama & Etani, Inc., Groton Massachusetts."	C7
1280-D	Fuji	Fuji	N0250	KEEP	Duplex	25	Plastic	G	VG	Green/off-white plastic case (G).	LL-1, LL-2, LL-3, DF CF, Cl, C D, LL3, LL2, LL1	LL-0, L, K, A B, ST, T, S, C D, DI, P, LL0		Cursor has light-green end pieces and is assembled w/4 screws.	C8
1280-S Duplex/LogLog	Fuji	Fuji	N0251	KEEP	Duplex		Plastic	G		Green/off-white plastic case (G).	LL-1, LL-2, LL-3, DF CF, Cl, C D, LL3, LL2, LL1	L, K, A B, ST, T, S, C D, DI, P		Cursor made entirely of clear plastic w/one screw at top and bottom. One stator is detached from the end piece and needs repair. Label on case cap indicates use in industrial high schools.	C8
1280F	Fuji	Fuji	N0252	KEEP	Duplex	25	Plastic	VG	VG	Brown cardboard case (VP).	LL-1, LL-2, LL-3, DF CF, Cl, C D, LL3, LL2, LL1	L, K, A B, ST, T1, S, C D, DI, LL0, LL-0			C8
2125D	Fuji	Fuji	N0253	KEEP	Simplex	25	Plastic	G	G	Green/off-white plastic case (G).	K, A, DF CF, Cl, B, C D, DI, L	ST, T2, T1, S, C		One-piece plastic cursor.	C8
2125D	Fuji	Fuji	N0256	KEEP	Simplex	25	Plastic	G	G	Green/off-white plastic case (G).	K, A, DF CF, Cl, B, C D, DI, L	ST, T2, T1, S, C		One-piece plastic cursor.	C8
330-D	Fuji	Fuji	N0249	KEEP	Duplex	25	Plastic	G	VG	Brown cardboard case (VP).	LL-1, LL-2, LL-3, DF CF, Cl, C D, LL3, LL2, LL1	L, K, A [B, T, S, C] D, DI, P		Scratched name Ogawa on from of left end piece; Y scratched on the right end piece.	C8
511	Fuji	Jakar	N0261	KEEP	Simplex	12.5	Plastic	P	G	Plastic sheath (G).	0-5.5in // LL3, LL2, A B, Cl, C D, K, LL1	T2, T1, L, S			C8
F102	Fuji	Wolters-Noodroff	N0260	KEEP	Simplex	25	Plastic			Green/off-white plastic case (G).	L, DF CF, Cl, C D, A, K	0-15cm S, ST, T1, T2			C8
3056L	Hemmi	A. Lietz	N0043	KEEP	Duplex	25	Plastic on bamboo	F	F	None.	K, A B, Cl, C D, T	Theta, Rtheta, P Q, Q', C LL3, LL2, LL1		Same as Hemmi 152. Washers on cursor screws. Yellowed. Marked US Pat. 1459857.	C4

P280 Ahrend	Hemmi	Ahrend	N0173	KEEP	Simplex	25	Plastic	N	VG	Two-tone plastic case (good).	T, K, A B, Cl, C D, L, S, ST	LL1, LL2, LL3	~XE	Plastic cursor. General construction is similar to a duplex rule, but the stators on the reverse side are bare. Marked Ahrend in script-like font on upper right of front.	C6
宅建計算尺	Hemmi	Beniya	N0430	KEEP	Simplex	20	Plastic	VG	VG	Green cardboard case (F).	Tsubo, m2 ken, m ken		~CK (he CK)	For real estate calculations. Beniya logo marked on reverse, along with Sun logo and Hemmi Japan.	C4
522	Hemmi	E. Tata	N0417	KEEP	Simplex	25	Plastic on bamboo	F	F	Black cardboard case (F-G).	0-10in // A B, Cl, C D // 0-27cm	S, L, T		Metal-framed cursor. Cap of case marked "E. TATA Beginner's Slide Rule No. 522" and "Made in Japan. No Hemmi marking on either case or slide rule. Recent research hints that this might not be made by Hemmi.	C4
1441	Hemmi	Frederick Post	N0114	KEEP	Simplex	10	Plastic on bamboo	G	G	Leather case with flap (P).	0-4in // A B, Cl, C D	S, L, T	NB	Uniformly yellowed. Equivalent to Hemmi model 32. Metal-framed cursor with semi-cylindrical lens. Marked "Made in Occupied Japan" on reverse.	C4
1441	Hemmi	Frederick Post	N0126	KEEP	Simplex	10	Plastic on bamboo	G	VG	Leather case (P w/new loop sewn on and clip missing).	0-4in // A B, Cl, C D	S, L, T	BB	Non-uniform yellowing. Equivalent to Hemmi model 32. Metal-framed cursor with semi-cylindrical lens. Year code in black on bottom of reverse.	C4
1444K	Hemmi	Frederick Post	N0137	KEEP	Simplex	12.5	Plastic on bamboo	G	G	Leather sheath (F, marked 三菱自動車工業 (Mitsubishi Motor Corporation) andトラック事業部東京自動車製作所 (Truck Division, Tokyo Automobile Plant) on reverse).	0-5in, A B, Cl, C D, K	S, L, T	PG	Metal-framed cursor. Slide rule itself marked 日立モートル (Hitachi Motor) and a red Hitachi logo.	C4
1447	Hemmi	Frederick Post	N0428	KEEP	Simplex	25		VG	G	Gray plastic Post case (G).	A B, Cl, C D, K	S, L, T	UD	Metal-framed cursor. Same as Hemmi 40RK.	C4

1452	Hemmi	Frederick Post	N0142	KEEP	Simplex	25	Plastic on bamboo	F	P	None.	0-10in // A B, Cl, C D, K // 0-28cm	S, L, T		C-shaped cursor with no patent number. Scratched formulas on bottom reverse. Extended cm scale graduated 31-56 underneath slide. Similar to Hemmi 50, 50/1, 50/3.	C3
1452W Universal	Hemmi	Frederick Post	N0145	KEEP	Simplex	25	Plastic on bamboo	VG	VG	Leather case (VP w/missing flap).	0-10in // A B, Cl, C D, K, 0-27cm // 0-27cm	S, L, T	BL	Metal-framed cursor. Year code marked in black at center-bottom of rear side.	C3
1458	Hemmi	Frederick Post	N0138	KEEP	Duplex	25	Plastic on bamboo	F	P	None.	DF CF, Cl, C D	K, A B, S, T, Cl D		Equivalent to Hemmi 150. Cursor screws w/washers. Owner's name "HENRY C. EVANS" machine-engraved and colored red in upper left of front. Slide ends catches on cursor. Needs some work.	C2
1460 Versalog	Hemmi	Frederick Post	N0032	KEEP	Duplex	25	Plastic on bamboo	G	G	Versalog leather case (G) with nametag frame, geeky belt loop, and metal ring ("Bob Long" written on inside flap).	LL0, LL/0, K, DF CF, Cl, C D, R1, R2, L	LL/1, LL/2, LL/3 T, Sec T ST, Cos S, C D, LL3, LL2, LL1	RE	Slight Uniform yellowing. Elliptical Post logo on right end of stator.	C2
1461 Versalog	Hemmi	Frederick Post	N0035	KEEP	Duplex	12.5	Plastic on bamboo	F	G	Leather sheath w/clip and Post Versalog embossing (F).	LL0, LL/0, K, DF CF, Cl, C D, R1, R2, L	LL/1, LL/2, LL/3 T, Sec T ST, Cos S, C D, LL3, LL2, LL1	NL	One missing cursor screw. Cursor badly corroded.	C4
1461 Versalog	Hemmi	Frederick Post	N0036	KEEP	Duplex	12.5	Plastic on bamboo	F	F	Leather sheath with clip and Post Versalog embossing (P).	LL0, LL/0, K, DF CF, Cl, C D, R1, R2, L	LL/1, LL/2, LL/3 T, Sec T ST, Cos S, C D, LL3, LL2, LL1	HK	Moderately uniform yellowing. Rare version w/no plastic (i.e., exposed bamboo) at top and bottom edges.	C4
341 3526	Hemmi	Geotec	N0382	KEEP	Simplex	25	Plastic on bamboo	VG	G	Two-tone blue plastic case (G) w/Geotec logo and model number seal.	A B, Cl, C D, K	S, L, T	VF	Metal-framed cursor. Same as Hemmi 40RK?	C4
1	Hemmi	Hemmi	N0416	KEEP	Simplex	25	Plastic on bamboo	G	G	Cardboard case (F).	0-10in // A B, C D // 0-28cm	S, L, T		Marked J. Hemmi. Metal-frame cursor (perhaps not original). Added scale under slide, graduated from 32 to 55 cm. Front marked Patent No. 22129, British Patent 107562, Brevette S.G.D.G.	C4

1002	Hemmi	Hemmi	N0431	KEEP	Round simplex	7.5	Plastic	VG	VG	Yellow/clear plastic pouch (G).	A, D C, Ci					C4
130	Hemmi	Hemmi	N0077	KEEP	Simplex	25	Plastic on bamboo	VG	VG	Dark-blue cardboard case (VP).	0-27cm // L, K, T, K, A B, Ci, C D, Cos // SIN, Tg	LL1, LL2, LL3	LA NY	Metal-framed 3-lined cursor. Medium uniform from yellowing.		C4
130	Hemmi	Hemmi	N0085	KEEP	Simplex	25	Plastic on bamboo	VG	VG	Red/white box (P); dark-blue cardboard case (F-G).	0-27, L, K, T, K, A B, Ci, C D, Cos // SIN, Tg	LL1, LL2, LL3	PE	Metal-framed 3-line cursor.		C4
130	Hemmi	Hemmi	N0091	KEEP	Simplex	25	Plastic on bamboo	N	VG	Cardboard box (P); dark-blue cardboard case (VG).	0-27cm // L, K, T, K, A B, Ci, C D, Cos // SIN, Tg	LL1, LL2, LL3	KK	Metal-framed, 3-line cursor. Liberated from sealed bag 2018-10-13.		C4
130W	Hemmi	Hemmi	N0049	KEEP	Simplex	25	Plastic on bamboo	VG	VG	Cardboard box (F); two-tone blue plastic case (VG).	0-27cm // T, K, A B, Bi, Ci, C D, P, S	L, LL0, LL1, LL2, LL3	WH	Plastic cursor.		C4
130W	Hemmi	Hemmi	N0071	SURPLUS	Simplex	25	Plastic on bamboo	VG	VG	None.	0-27cm // T, K, A B, Ci, C D, P, S	L, LL0, LL1, LL2, LL3	TH	Plastic cursor.		S
135	Hemmi	Hemmi	N0096	KEEP	Simplex	12.5	Plastic on bamboo	G	VG	Leather sheath with flap (F-G).	0-14cm // T, K, A B, Ci, C D, P, S	L, LL1, LL2, LL3	TE	Uniform medium yellowing.		C4
143 Commerce	Hemmi	Hemmi	N0033	KEEP	Duplex	12.5	Plastic on bamboo	VG	G	Cardboard box (G); leather sheath (F).	P1, P2, DF CF, Cif, Ci, C D, LL, LL	A, N M, Pound, s/d, C D, G	RE	Liberated from its sealed bag 2108-10-11. Uniform medium yellowing.		C4
143 Commerce	Hemmi	Hemmi	N0045	KEEP	Duplex	12.5	Plastic on bamboo	VG	VG	Leather sheath (G).	P1, P2, DF CF, Cif, Ci, C D, LL, LL	A, N M, Pound, s/d, C D, G	SA			C4
149A	Hemmi	Hemmi	N0034	KEEP	Duplex	12.5	Plastic on bamboo	G	VG	Leather sheath (G).	LL/1, LL/2, LL/3, DF CF, Cif, Ci, C D, LL3, LL2, LL1	L, K, A B, Ti, Si, C D, LL0, LL/0	Q1	Cursor corrosion. Slight uniform yellowing. Model number located on what is normally the reverse. Top inside of sheath marked, in Japanese, Hitachi Plant and marked with date stamp, presumably of owner.		C4
149A	Hemmi	Hemmi	N0038	KEEP	Duplex	12.5	Plastic on bamboo	G	VG	Leather pouch (good).	LL/1, LL/2, LL/3, DF CF, Cif, Ci, C D, LL3, LL2, LL1	L, K, A B, Ti, Si, C D, LL0, LL/0	P	Year code located on right top edge seen from the reverse. Model number located on what is normally the reverse.		C4
149A	Hemmi	Hemmi	N0046	KEEP	Duplex	12.5	Plastic on bamboo	VG	G	Cardboard box (G).	LL/1, LL/2, LL/3, DF CF, Cif, Ci, C D, LL3, LL2, LL1	L, K, A B, Ti, Si, C D, LL0, LL/0	XB	Very clean cursor. Model located on what is normally the reverse.		C4
152	Hemmi	Hemmi	N0044	KEEP	Duplex	25	Plastic on bamboo	P	VP	Leather case (VP).	K, A B, Ci, C D, T	Theta, Rtheta, P Q, Q', C LL3, LL2, LL1		Washers on cursor screws. Uniform slight yellowing. Marked US Pat. 1459857.		C4
153	Hemmi	Hemmi	N0039	KEEP	Duplex	25	Plastic on bamboo	VG	G	Beige cardboard case (G).	L, K, A B, Ci, C D, T, Gtheta	Theta, Rtheta, P Q, Q', C LL3, LL2, LL1	UA	Year UA. One missing cursor screw. Marked US Pat. 1459857.		C4

153	Hemmi	Hemmi	N0041	KEEP	Duplex	25	Plastic on bamboo	F	F	Leather case (VP).	L, K, A B, C, C D, T, Gtheta	Theta, Rtheta, P Q, Q', C LL3, LL2, LL1		Washers on cursor screws. Uniform medium yellowing. Marked US Pat. 1459857.	C4
2	Hemmi	Hemmi	N0407	KEEP	Simplex	25	Plastic on bamboo	F	F	Green cardboard case (G, but probably not original).	0-10in // A B, C D // 0-28cm	S, L, T		Ladder scales. Slide chipped at right end. Plastic cursor w/white top & bottom pieces; probably not original.	C2
2	Hemmi	Hemmi	N0421	KEEP	Simplex	25	Plastic on bamboo	P	P	Dark greenish case (VP; missing bottom).	0-10in // A B, C D // 0-28cm	S, L, T		Decimal cursor (broken glass). Front engraved with name W. S. Porter. Ladder scales.	C2
22	Hemmi	Hemmi	N0360	KEEP	Simplex	20	Plastic on bamboo	F	F	Flimsy cardboard case (P) marked in Japanese "For middle school students."	C, C D, A			Flimsy hot-formed cursor; sheet-metal backing.	C2
250	Hemmi	Hemmi	N0001	KEEP	Duplex	25	Plastic on bamboo	VG	VG	Soft black plastic pouch (VG) w/Velcro flap	DF CF, C, C D, L	K, A B, T12, T11, S1 D, DI	WI	Purchased at Ginza Itoya.	C2
250	Hemmi	Hemmi	N0002	KEEP	Duplex	25	Plastic on bamboo	N	G	Stippled cardboard case with dark-blue middle section (G).	DF CF, C, C D, L	K, A B, T12, T11, S1 D, DI	WF	Liberated from sealed bag 2018-10-12.	C2
250	Hemmi	Hemmi	N0003	KEEP	Duplex	25	Plastic on bamboo	N	G	Cardboard box (P w/one end missing); beige/blue cardboard case (G).	DF CF, C, C D, L	K, A B, T12, T11, S1 D, DI	SE	Liberated from sealed bag 2018-10-12.	C2
250	Hemmi	Hemmi	N0008	KEEP	Duplex	25	Plastic on bamboo	VG	VG	None.	DF CF, C, C D, L	K, A B, T12, T11, S1 D, DI	UA	Cursor needs cleaning.	C2
250	Hemmi	Hemmi	N0140	KEEP	Duplex	25	Plastic on bamboo	P	G	Dark-blue cardboard case (P w/broken end).	DF CF, C, C D, L	K, A B, T12, T11, S1 D, DI	LL	End pieces are black; not painted, but apparently anodized. Yellow gunk near end pieces cannot be removed.	C2
250	Hemmi	Hemmi	N0004	SURPLUS	Duplex	25	Plastic on bamboo	VG	VG	Two-tone blue plastic case (F w/some discoloring near joint with cap).	DF CF, C, C D, L	K, A B, T12, T11, S1 D, DI	XG		S
250	Hemmi	Hemmi	N0007	SURPLUS	Duplex	25	Plastic on bamboo	VG	VG	Beige cardboard case (VG).	DF CF, C, C D, L	K, A B, T12, T11, S1 D, DI	VL		S
251	Hemmi	Hemmi	N0010	KEEP	Duplex	25	Plastic on bamboo	G	VG	Beige/blue cardboard case (P-F).	L, DF CF, C, C D, LL3, LL2, LL1	K, A B, T, S, ST, C D, DI	RG	Light uniform discoloring. Some cursor corrosion.	C2
251	Hemmi	Hemmi	N0011	KEEP	Duplex	25	Plastic on bamboo	VG	VG	Beige/blue cardboard case (G)	L, DF CF, C, C D, LL3, LL2, LL1	K, A B, T, S, ST, C D, DI	SE	Purchased at now-gone Yasukawa Shoji on Isezaki-dori in Yokohama in 1982.	C2

254W	Hemmi	Hemmi	N0012	KEEP	Duplex	25	Plastic on bamboo	F	VG	None.	LL/1, LL/2, LL/3, DF CF, CIF, CI, C D, LL3, LL2, LL1	K, A B, TI, SI, C D, DI, L	OL	Uniformly yellowed. Scratching, including the name Wada. Elliptical Hemmi logo on front-right of upper stator. Stators are the same length.	C2
254W	Hemmi	Hemmi	N0013	KEEP	Duplex	25	Plastic on bamboo	VG	VG	Red/beige cardboard case (P).	LL/1, LL/2, LL/3, DF CF, CIF, CI, C D, LL3, LL2, LL1	K, A B, TI, SI, C D, DI, L	VD	Different length stators. Elliptical Hemmi logo on front-right of upper stator.	C2
254WN	Hemmi	Hemmi	N0014	KEEP	Duplex	25	Plastic on bamboo	VG	VG	Two-tone blue plastic case (G).	LL/1, LL/2, LL/3, DF CF, CIF, CI, C D, LL3, LL2, LL1	LL/0, K, A B, TI2, TI1, SI, C D, DI, L, LL0		Traditional, different length stator. No elliptical logo. Model number marked on right-front of rear upper stator. Rear scales quite different from those of 254W.	C2
255	Hemmi	Hemmi	N0015	KEEP	Duplex	25	Plastic on bamboo	F	P	Leather case (VP).	L, K, DF CF, CIF, CI, C D, x, theta	Sh1, Sh2, Th, A B, TI2, TI1, SI, C D, LL3, LL2, LL1	GL	Year code marked on front-right of upper stator.	C1
255D	Hemmi	Hemmi	N0016	KEEP	Duplex	25	Plastic on bamboo	VG	VG	Imitation leather case (VG).	L, K, DF CF, CIF, CI, C D, LL3, LL2, LL1	Sh1, Sh2, Th, A B, TI2, TI1, SI, C D, DI, x, θ	ZC		C1
255D	Hemmi	Hemmi	N0017	KEEP	Duplex	25	Plastic on bamboo	N	VG	Cardboard box (VG); beige/blue cardboard box (G).	L, K, DF CF, CIF, CI, C D, LL3, LL2, LL1	Sh1, Sh2, Th, A B, TI2, TI1, SI, C D, DI, x, θ	WA	Liberated from sealed bag 2018-10-12.	C1
255D	Hemmi	Hemmi	N0023	KEEP	Duplex	25	Plastic on bamboo	VG	G	Beige/blue cardboard case (F).	L, K, DF CF, CIF, CI, C D, LL3, LL2, LL1	Sh1, Sh2, Th, A B, TI2, TI1, SI, C D, DI, x, θ	SB		C1
255D	Hemmi	Hemmi	N0018	SURPLUS	Duplex	25	Plastic on bamboo	VG	VG	Beige cardboard case (G).	L, K, DF CF, CIF, CI, C D, LL3, LL2, LL1	Sh1, Sh2, Th, A B, TI2, TI1, SI, C D, DI, x, θ	WA		S
255D	Hemmi	Hemmi	N0019	SURPLUS	Duplex	25	Plastic on bamboo	VG	VG	Cardboard case (VG).	L, K, DF CF, CIF, CI, C D, LL3, LL2, LL1	Sh1, Sh2, Th, A B, TI2, TI1, SI, C D, DI, x, theta	WA		S
255D	Hemmi	Hemmi	N0020	SURPLUS	Duplex	25	Plastic on bamboo	VG	G	Blue cardboard case (G).	L, K, DF CF, CIF, CI, C D, LL3, LL2, LL1	Sh1, Sh2, Th, A B, TI2, TI1, SI, C D, DI, x, θ	MK		S
255D	Hemmi	Hemmi	N0021	SURPLUS	Duplex	25	Plastic on bamboo	VG	F	None.	L, K, DF CF, CIF, CI, C D, LL3, LL2, LL1	Sh1, Sh2, Th, A B, TI2, TI1, SI, C D, DI, x, θ	UH		S
255D	Hemmi	Hemmi	N0022	SURPLUS	Duplex	25	Plastic on bamboo	VG	VG	None.	L, K, DF CF, CIF, CI, C D, LL3, LL2, LL1	Sh1, Sh2, Th, A B, TI2, TI1, SI, C D, DI, x, θ	QD		S
256	Hemmi	Hemmi	N0024	KEEP	Duplex	25	Plastic on bamboo	F	VG	Leather case (VP, w/tab disconnected).	L, Neper, DF CF, CIF, CI, C D, LL3, LL2, LL1	A, L C, SI, TI D, lambda, F	HD	Year code marked front-right of upper stator. Received from Koike-san.	C1
257	Hemmi	Hemmi	N0025	KEEP	Duplex	25	Plastic on bamboo	VG	G	None.	L, A, DF CF, CIF, CI, C D, LL3, LL2, LL1	Ch A-H, Ch N-Z, M1 M2, deg F, deg C, deg K, F(t) kg/cm2, P mmHg, in Hg vac., T omega	SE	Year SH.	C1

259D	Hemmi	Hemmi	N0026	KEEP	Duplex	25	Plastic on bamboo	VG	VG	Imitation leather case (VG).	LL/1, LL/2, LL/3, DF CF, CIF, CI, C D, LL3, LL2, LL1	L, K, A B, T, S, ST, C D, DI, LL0, LL/0		Model number marked on rear (side with long stator at the top).	C1
259D	Hemmi	Hemmi	N0030	KEEP	Duplex	25	Plastic on bamboo	VG	G	None.	LL/1, LL/2, LL/3, DF CF, CIF, CI, C D, LL3, LL2, LL1	L, K, A B, T, S, ST, C D, DI, LL0, LL/0	VG	Model number marked on rear (side with long stator at the top).	C1
260	Hemmi	Hemmi	N0027	KEEP	Duplex	25	Plastic on bamboo	VG	VG	Imitation leather case.	LL/1, LL/2, LL/3 DF CF, CIF, CI, C D, LL3, LL2, LL1	LL/0, LL0, K, A B, T, S, ST, C D, DI, P, L	YA		C1
2634	Hemmi	Hemmi	N0098	KEEP	Simplex	12.5	Plastic on bamboo	N	VG	Cardboard box (G); leather sheath (G).	0-14cm // K, DF CF, CI, C D, A	T12, T11, L, SI	WJ	Plastic cursor. Liberated from sealed bag 2018-10-11.	C5
2634	Hemmi	Hemmi	N0099	KEEP	Simplex	12.5	Plastic on bamboo	N	VG	Cardboard box (P); leather sheath (F-G).	0-14cm // K, DF CF, CI, C D, A	T12, T11, L, SI	XB	Plastic cursor.	C5
2634	Hemmi	Hemmi	N0130	SURPLUS	Simplex	12.5	Plastic on bamboo	VG	VG	Leather sheath (F, marked "M. YANAGIDA").	0-14cm // K, DF CF, CI, C D, A	T12, T11, L, SI	TH	Plastic label M. YANAGIDA on metal plate.	S
2634	Hemmi	Hemmi	N0131	SURPLUS	Simplex	12.5	Plastic on bamboo	VG	VG	Leather sheath (G).	0-14cm // K, DF CF, CI, C D, A	T12, T11, L, SI			S
2634	Hemmi	Hemmi	N0132	SURPLUS	Simplex	12.5	Plastic on bamboo	VG	VG	Leather sheath (VG).	0-14cm // K, DF CF, CI, C D, A	T12, T11, L, SI			S
264	Hemmi	Hemmi	N0028	KEEP	Duplex	25	Plastic on bamboo	VG	F	Beige/blue cardboard case (damaged).	LL3, LL2, DF CF, CIF, CI, D D, L LL1	K, A B, T12, T11, SI D, DI	TJ	Hemmi logo in an ellipse at the front-right of the upper stator.	C1
2640	Hemmi	Hemmi	N0363	KEEP	Simplex	20	Plastic on bamboo	P	VP	Blue cardcoard case (F).	0-20cm // A B, CI, C D	S, K, T	KC	Metal-framed cursor.	C3
266	Hemmi	Hemmi	N0029	KEEP	Duplex	25	Plastic on bamboo	VG	G	Imitation leather case.	/LL3, /LL2, LL2, A B, DI, CI, C D, dBL, S, T	XL, XC, F, r1 r2, L, Cf, Cz L, Z, fo	XC	Year XC.	C1
2662	Hemmi	Hemmi	N0056	KEEP	Simplex	25	Plastic on bamboo	N	VG	Cardboard box (F); Beige/green cardboard case (G).	0-27cm // K, A, DF CF, CIF, CI, C D, DI, L	B, T1, SI, C	WC	Metal-framed cursor. Liberated from sealed bag 2018-10-12.	C3
2662	Hemmi	Hemmi	N0073	KEEP	Simplex	25	Plastic on bamboo	N	VG	Beige/green cardboard case (VG).	0-27cm // K, A, DF CF, CIF, CI, C D, DI, L // 13cm-0-13cm	B, T1, SI, C	SJ	Metal-framed cursor. Liberated from sealed bag 2018-10-12.	C3
2662	Hemmi	Hemmi	N0080	KEEP	Simplex	25	Plastic on bamboo	VG	VG	Beige/green cardboard case (F-G).	0-27cm // K, A, DF CF, CIF, CI, C D, DI, L	B, T1, SI, C	TI		C3
2664	Hemmi	Hemmi	N0079	KEEP	Simplex	25	Plastic on bamboo	F	VP	Dark-blue cardboard case (P).	0-27cm // K, DF (over-range) CF, CI, C D, A // 1-10in	T12, T11, L, SI1	CB	Metal-framed cursor. Year code in black on bottom center of reverse.	C3
2664S	Hemmi	Hemmi	N0057	KEEP	Simplex	25	Plastic on bamboo	N	VG	Cardboard box (F); two-tone blue plastic case (VG).	0-27cm // K, DF CF, CIF, CI, C D, A	T12, T11, L, SI	XB	Metal-framed cursor. Liberated from sealed bag 2018-10-12.	C3
2664S	Hemmi	Hemmi	N0060	KEEP	Simplex	25	Plastic on bamboo	VG	VG	Red/white cardboard box (G); dark-blue case (VG).	0-27cm // K, DF CF, CIF, CI, C D, A // 13cm-0-13cm	T12, T11, L, SI	OF	Metal-framed cursor	C3
2664S	Hemmi	Hemmi	N0062	KEEP	Simplex	25	Plastic on bamboo	G	VG	Plastic two-tone blue case (G).	0-27cm // K, DF (over-range) CF, CIF, CI, C D, A	T12, T11, L, SI	ZJ	Faint scratching on front right. Metal-framed cursor.	C3

2664S	Hemmi	Hemmi	N0052	SURPLUS	Simplex	25	Plastic on bamboo	VG	VG	Leather case (G).	0-27cm // K, DF CF, CIF, CI, C D, A	T12, T11, L, SI	WA	Metal-framed cursor. DF scale overrange on both ends.	S
2664S	Hemmi	Hemmi	N0059	SURPLUS	Simplex	25	Plastic on bamboo	VG	VG	Beige/green case (VG).	0-27cm // K, DF CF, CIF, CI, C D, A, 13in-0-13in	T12, T11, L, SI	SE	Metal-framed cursor. DF scale overrange on both ends.	S
2664S-S	Hemmi	Hemmi	N0051	KEEP	Simplex	25	Plastic on bamboo	G	VG	Two-tone blue plastic case (needs cleaning).	0-27cm // K, A, DF CF, CIF, CI, C D, DI	T12, T11, L, SI	YB	Metal-framed cursor. Slight uniform yellowing.	C3
2664S-S	Hemmi	Hemmi	N0075	KEEP	Simplex	25	Plastic on bamboo	N	VG	Cardboard box (F); beige/green case (VG).	0-27cm // K, A, DF CF, CIF, CI, C D, DI // 13cm-0-13cm	T12, T11, L, SI	RA	Metal-framed cursor. Box marked "Special 2664S".	C3
269 Civil	Hemmi	Hemmi	N0031	KEEP	Duplex	25	Plastic on bamboo	VG	G	Beige/blue cardboard case (very good).	L, F, K, A A, K', CI, C D, LL3, LL2, LL1	CL, SL, M, TL R, ST, T, S, C D, DI, sin cos (1), sin cos (2)	TJ	Civil marked in red at right end of reverse side of slide.	C1
2690	Hemmi	Hemmi	N0087	KEEP	Simplex	25	Plastic on bamboo	VG	G	Dark-blue cardboard case (VG).	0-27cm // L, D M1, M2, C D, A // 0-10in	S, S&T, T	FA	Metal-framed, 3-lined cursor. Year code in black at center of lower rear.	C3
30	Hemmi	Hemmi	N0070	KEEP	Simplex	10	Plastic on bamboo	N	VG	Leather sheath (VG) with flap.	0-10cm // A B CI, C D	S, L, T	YA	Plastic cursor.	C5
30	Hemmi	Hemmi	N0107	KEEP	Simplex	10	Plastic on bamboo	N	VG	Leather sheath with flap (VG).	0-10cm // A B CI, C D	S, L, T	YH	Plastic cursor.	C5
30	Hemmi	Hemmi	N0115	KEEP	Simplex	10	Plastic on bamboo	F	G	Leather sheath with flap (F).	0-4in // A B CI, C D	S, L, T		Metal-framed cursor. Right end of slide has red logo of 岡田商船株式会社 (Okada Shosen KK). Reverse marked with "岡田商船株式会社", "祥雲丸竣工記念" (Okada Shosen KK Commemoration Completion of the Shoun Maru (in red), and "昭和27年5月" (May 1952).	C5
30	Hemmi	Hemmi	N0116	KEEP	Simplex	10	Plastic on bamboo	Fair	P	Leather sheath w/flap (F).	0-10cm // A B, C D // 0-4in	S, L, T		Pre-1951 model 30 (w/o CI scale). Metal-framed cursor. Pre-1951, with no CI scale. Right end of the slide marked with the logo of マツダ (Matsuda) logo. Reverse marked "マツダ照明器具" (Matsuda Lighting Fixtures) in red.	C5
30	Hemmi	Hemmi	N0117	KEEP	Simplex	10	Plastic on bamboo	F	P	Leather sheath with flap (F).	0-4in // A B, C D // 0-10in	S, L, T		Metal-framed cursor w/chipped glass. Pre-1951 model 30, w/o CI scale. Metal plate marked "SKF" on reverse.	C5

30	Hemmi	Hemmi	N0118	KEEP	Simplex	10	Plastic on bamboo	F	VG	Leather sheath w/flap (F).	0-4in // A B, C D // 0-10cm	S, L, T		Uniform medium yellowing. Metal-framed cursor. Pre-1951 w/o CI scale. Rear metal plate marked "SKF" and also has scratched "MCH" on reverse. Uniform medium yellowing. Case marked in gold with SKF and a picture of a ball bearing.	C5
30	Hemmi	Hemmi	N0119	KEEP	Simplex	10	Plastic on bamboo	N	VG	Cardboard box (P-F); leather sheath w/flap (VG).	0-10 // A B CI, C D	S, L, T	WK	Plastic cursor.	C5
30	Hemmi	Hemmi	N0123	KEEP	Simplex	10	Plastic on bamboo	N	VG	Leather sheath w/flap(VG).	0-10cm // A B CI, C D	S, L, T	SD	Plastic cursor.	C5
30	Hemmi	Hemmi	N0127	KEEP	Simplex	10	Plastic on bamboo	F	G	Leather sheath w/flap (F).	0-10cm // A B CI, C D	S, L, T	KI	Metal-framed cursor.	C5
32	Hemmi	Hemmi	N0110	KEEP	Simplex	10	Plastic on bamboo	N	VG	Leather sheath w/flap (VG).	0-10cm // A B, CI, C D	S, L, T	WK	Plastic cursor with semi-cylindrical lens.	C5
32	Hemmi	Hemmi	N0111	KEEP	Simplex	10	Plastic on bamboo	N	VG	Leather sheath w/flap (VG).	0-10cm // A B, CI, C D	S, L, T	TL	Plastic cursor with semi-cylindrical lens.	C5
32	Hemmi	Hemmi	N0112	KEEP	Simplex	10	Plastic on bamboo	VG	VG	Leather sheath w/flap (G).	0-10cm // A B, CI, C D	S, L, T	NB	Metal-framed cursor with semi-cylindrical lens. Some cursor corrosion.	C5
32	Hemmi	Hemmi	N0113	KEEP	Simplex	10	Plastic on bamboo	Fair; cursor frame corrosion		Leather sheath w/flap (F).	0-10cm // A B, CI, C D	S, L, T		Heavily corroded metal-framed cursor with semi-cylindrical lens.	C5
32	Hemmi	Hemmi	N0120	KEEP	Simplex	10	Plastic on bamboo	N	VG	Leather sheath w/flap (VG).	0-10cm // A B, CI, C D	S, L, T	WH	Plastic cursor with semi-cylindrical lens.	C5
32	Hemmi	Hemmi	N0121	KEEP	Simplex	10	Plastic on bamboo	N	VG	Cardboard box (F); leather sheath w/flap (VG).	0-10cm // A B, CI, C D	S, L, T	TL	Plastic cursor with semi-cylindrical lens. Liberated from sealed bag 2018-10-11.	C5
32	Hemmi	Hemmi	N0122	KEEP	Simplex	10	Plastic on bamboo	N	VG	Cardboard box (G); leather sheath w/flap (G).	0-10cm // A B, CI, C D	S, L, T	X	Plastic cursor with semi-cylindrical lens.	C5
32	Hemmi	Hemmi	N0124	KEEP	Simplex	10	Plastic on bamboo	N	VG	Cardboard box (G); leather sheath w/flap (VG).	0-10cm // A B, CI, C D	S, L, T	WK	Plastic cursor with semi-cylindrical lens. Liberated from sealed bag 2018-10-11.	C5
32	Hemmi	Hemmi	N0125	KEEP	Simplex	10	Plastic on bamboo	N	VG	Cardboard box (F); leather sheath w/flap (VG).	0-10cm // A B, CI, C D	S, L, T	VL	Plastic cursor with semi-cylindrical lens.	C5
32	Hemmi	Hemmi	N0128	KEEP	Simplex	10	Plastic on bamboo	N	VG	Leather sheath w/flap (VG).	0-10cm // A B, CI, C D	S, L, T	VL	Plastic cursor with semi-cylindrical lens. Liberated from sealed bag 2018-10-11.	C5
34RK	Hemmi	Hemmi	N0100	KEEP	Simplex	12.5	Plastic on bamboo	N	VG	Leather sheath (VG).	0-14cm // A B, CI, C D, K	S, L, T		Plastic cursor.	C5

34RK	Hemmi	Hemmi	N0101	KEEP	Simplex	12.5	Plastic on bamboo	P	G	Leather sheath w/flap (VP).	0-5in // A B, Cl, C D, K	S, L, T		Very uniformly yellowed. Marked "Made in Occupied Japan" on reverse. Badly corroded metal-framed cursor.	C5
34RK	Hemmi	Hemmi	N0133	KEEP	Simplex	12.5	Plastic on bamboo	N	VG	Leather sheath w/flap (F).	0-14cm // A B, Cl, C D, K	S, L, T	VK	Plastic cursor. Name Ishii written in Japanese on inside of sheath.	C5
34RK	Hemmi	Hemmi	N0134	KEEP	Simplex	12.5	Plastic on bamboo	VG	VG	Leather sheath (VG).	0-14cm // A B, Cl, C D, K	S, L, T		Plastic cursor.	C5
34RK	Hemmi	Hemmi	N0050	SURPLUS	Simplex	12.5	Plastic on bamboo	VG	VG	Open-top leather sheath (G).	0-14 // A B, Cl, C D, K	S, L, T	WJ	Plastic cursor.	S
34RK	Hemmi	Hemmi	N0102	SURPLUS	Simplex	12.5	Plastic on bamboo	VG	VG	Leather sheath (VG).	0-14cm // A B, Cl, C D, K	S, L, T	WJ		S
40	Hemmi	Hemmi	N0418	KEEP	Simplex	25	Plastic on bamboo	G	G	Cardboard case.	A B, C D	S, L, T		Case marked "Hirshberg Co. Art Drawing and Engineering Supplies, Baltimore. Slight uniform yellowing. Metal-framed cursor.	C6
40F	Hemmi	Hemmi	N0348	KEEP	Simplex	25	Plastic on bamboo	N	VG	Beige/green cardboard case (G).	K, DF CF, Cl, C D, A	TL, I, SI	SJ	Plastic cursor.	C6
40RK	Hemmi	Hemmi	N0349	KEEP	Simplex	25	Plastic on bamboo	N	VG	Beige/green cardboard case (G).	A B, Cl, C D, K	S, L, T	SE	Plastic cursor.	C6
43A	Hemmi	Hemmi	N0427	KEEP	Simplex	20	Plastic on bamboo	VG	VG	Two-tone blue plastic case (F-G).	A B, Cl, C D, K	T, L, S	TK	Plastic case.	C6
45	Hemmi	Hemmi	N0361	KEEP	Simplex	20	Plastic on bamboo	F	G	Dark blue cardboard case (F).	DF CF, Cl, C D, A	TI, L, SI	JL	Metal-framed cursor.	C6
45K	Hemmi	Hemmi	N0355	KEEP	Simplex	20	Plastic on bamboo	N	VG	Beige/green cardboard case (G).	K, DF CF, Cl, C D, A	TI, L, SI	TB	Plastic cursor.	C6
47	Hemmi	Hemmi	N0410	KEEP	Simplex	25	Plastic on bamboo	F	P	Black cardboard case (F).	0-27cm // A B, C D // 0-10in	S, L, T		Metal-framed cursor.	C6
50	Hemmi	Hemmi	N0415	KEEP	Simplex	25	Plastic on bamboo	P	P	Black cardboard case (P).	0-10in // A B, Cl, C D, K // 0-27cm	S, L, T		Metal-framed cursor. Initials TK on front and scratched name Takashi Koizume on reverse. Also marked, in Japanese, Mechanical 5th year.	C3
50/1	Hemmi	Hemmi	N0411	KEEP	Simplex		Plastic on bamboo	G	G	Black cardboard case (F) with old black/red label.	0-10in // A B, Cl, C D, K // 0-28cm	S, L, T		C-shaped cursor w/patent number 58115. Extended cm scale graduated 31-56 underneath slide.	C3
50W	Hemmi	Hemmi	N0067	KEEP	Simplex	25	Plastic on bamboo	VG	VG	Beige/green case (F-G).	0-10in // A B, Cl, C D, K // 0-27cm	S, L, T	QE	Metal-framed cursor.	C3
52	Hemmi	Hemmi	N0409	KEEP	Simplex	12.5	Plastic on bamboo	P	G	Leather sheath w/flap (P).	0-5in // A B, C D // 0-15cm	S, L, T		Ladder scales. C-cursor with missing glass. Chipped away part on reverse.	C6

6	Hemmi	Hemmi	N0402	KEEP	Simplex	12.5	Plastic on bamboo	F	F	Black cardboard case (F).	0-5in // A B, C D // 0-15cm	S, L, T		C-cursor. Slight uniform yellowing. Scratched initials on front top and bottom	C6
6	Hemmi	Hemmi	N0403	KEEP	Simplex	12.5	Plastic on bamboo	F	G	Black cardboard case (F).				C-cursor. Black and red labels glued to top and bottom of case. Slight uniform yellowing. Scratching on front	C6
6	Hemmi	Hemmi	N0405	KEEP	Simplex	12.5	Plastic on bamboo	P	G	Green case with snap-lock flap ((F)).	0-5in // A B, C D // 0-15cm	S, L, T		No cursor. Clean, with almost no yellowing.	C6
64	Hemmi	Hemmi	N0068	KEEP	Simplex	25	Plastic on bamboo	F	VG	None.	0-10in // K, A B, BI, CI, C D, L // 0-27cm	S, S&T, T	ME	Metal-framed cursor. Condition could improve from F with cleansing.	C3
64	Hemmi	Hemmi	N0076	KEEP	Simplex	25	Plastic on bamboo	G	G	Beige/green case (VP).	0-27cm // K, A B, CI, C D, DI, L // 13cm-0-13cm	S, S&T, T	QE	Three-line metal-framed cursor, with auxiliary cursor on bottom (apparently not for this slide rule).	C3
640S	Hemmi	Hemmi	N0089	KEEP	Simplex	25	Plastic on bamboo	VG	VG	Green/white cardboard box (G); two-tone blue plastic case (VG).	0-27cm // K, DF CF, CIF, CI, C D, A, L	STI, TI2, TI1, SI, CI	WL	Plastic cursor. Very slight non-uniform yellowing	C3
640S	Hemmi	Hemmi	N0090	SURPLUS	Simplex	25	Plastic on bamboo	VG	VG	None.	0-27cm // K, DF CF, CIF, CI, C D, A, L	STI, TI2, TI1, SI, CI	WL	Year code at left-center of rear.	S
640S	Hemmi	Hemmi	N0092	SURPLUS	Simplex	25	Plastic on bamboo	F	F		0-27 // K, DF CF, CIF, CI, C D, A, L	STI, TI2, TI1, SI, CI	XF	Sticky slide and slightly sticky cursor due to attempted use of superglue in repair of separated fixed slide. Year code at left-center of rear.	S
641	Hemmi	Hemmi	N0088	KEEP	Simplex	25	Plastic on bamboo	F	G	Plastic two-tone case (P w/marker pen markings).	0-27cm // K, A, DF CF, CIF, B, CI, C D, DI, L	STI, TI2, TI1, SI, CI	WC	Heavy and uneven discoloring; scratched name (Fumio Ueda) on left and right ends of slide.	C3
64T	Hemmi	Hemmi	N0048	KEEP	Simplex	25	Plastic on bamboo	VG	G	Dark-blue cardboard case (G).	0-27cm // K, A B, BI, CI, C D, DI, L // 13cm-0-13cm	T2, T1, ST, S	PD	Three-lined metal-framed cursor. Very slight yellowing.	C3
65	Hemmi	Hemmi	N0412	KEEP	Simplex	25	Plastic on bamboo	P	P	Black cardboard case (P).	0-27cm // K, A, B, CI, C D, L // 0-10in	S, S&T, T		C-cursor; non-ladder scales; some doubt about model. C-cursor	C6
66	Hemmi	Hemmi	N0093	KEEP	Simplex	15	Plastic on bamboo	N	VG	Leather sheath w/flap (G-VG).	0-15cm // K, A B CI C D, L // 8cm-0-8cm	S, S&T, T	PF	Metal-framed cursor w/medium corrosion.	C5
74	Hemmi	Hemmi	N0094	KEEP	Simplex	12.5	Plastic on bamboo	N	VG	Leather sheath (VG).	0-14cm // K, A B, CI, C D, L	S, S&T, T	YF	Plastic 3-line cursor.	C5
74	Hemmi	Hemmi	N0129	KEEP	Simplex	12.5	Plastic on bamboo	VG	VG	Light-brown Leather sheath (G).	0-14cm // K, A B, CI, C D, L	S, S&T, T	JD S	Metal-framed 3-line cursor w/slight corrosion.	C5
74	Hemmi	Hemmi	N0213	SURPLUS	Simplex	12.5	Plastic	VG	VG	Leather sheath (G).	0-14cm // K, A B, CI, C D, L	S, S&T, T	TL	Plastic 3-line cursor.	S

8	Hemmi	Hemmi	N0404	KEEP	Simplex	12.5	Plastic on bamboo	F	P	Green cardboard w/snap-lock flap (G).	0-5in // A B, C D // 0-15cm	S, L, T		Might be a Model 6 with a different (newer) cursor. Metal-framed cursor with possible plastic window and magnifier that falls off.	C6
80K	Hemmi	Hemmi	N0083	KEEP	Simplex	25	Plastic on bamboo	N	VG	Red/white box (P w/missing end); dark-blue cardboard case (VG).	0-27cm // E, F, A B, C, C D, LL2, LL3 // K	S, L, T	OI	Uniformly yellowed in bag. Metal-framed 3-line cursor. Liberated from sealed bag 2018-10-12.	C3
80K	Hemmi	Hemmi	N0086	KEEP	Simplex	25	Plastic on bamboo	VG	VG	Dark-blue cardboard case (F).	0-27cm // E, F, A B, C, C D, LL2, LL3 // K	S, L, T	UG	Metal-framed 3-line cursor.	C3
80K	Hemmi	Hemmi	N0084	SURPLUS	Simplex	25	Plastic on bamboo	VG	VG	Dark-blue cardboard box (P, w/improper stippled beige cap).	0-27cm // E, F, A B, C, C D, LL2, LL3 // K	S, L, T	UG	Metal-framed cursor.	S
86K	Hemmi	Hemmi	N0108	KEEP	Simplex	15	Plastic on bamboo	N	VG	Two-tone beige/green cardboard case (F).	0-27cm // E, F, A B, C, C D, LL2, LL3 // K	S, L, T	ND	Rare, finely divided 15-cm rule. Metal-framed 3-line cursor w/slight corrosion.	C5
Calorie	Hemmi	Hemmi	N0168	KEEP	Duplex	25	Plastic	N	VG	Two-tone blue plastic case (G).	(1) Content in 100 g, (4) consumed content (3) amount used, C, C D, A, L	Muscle metabolism, amount required by work, 1- to 5-year-old body weight	^VH	Plastic cursor with two screws on front and one screw on reverse.	C6
P23	Hemmi	Hemmi	N0376	KEEP	Simplex	20	Plastic	VG	VG	Brown cardboard case (G).	A B, C, C D		LJ	Plastic cursor.	C6
P24	Hemmi	Hemmi	N0377	KEEP	Simplex	20	Plastic	VG	G	Brown cardboard case (G).	DF CF, C, C D, A		^SD (he SD)	Plastic cursor.	C6
P253 Vectolog	Hemmi	Hemmi	N0165	KEEP	Duplex	25	Plastic	N	VG	Plastic oyster-shell case (marked Vectolog).	LL3, LL2, DF CF, C, C D, L, LL1	K, A B, T12, T11, S D, DI	MF	Plastic cursor.	C6
P253 Vectolog Special	Hemmi	Hemmi	N0167	KEEP	Duplex	25	Plastic	N	VG	Two-tone blue plastic case.	LL3, LL2, DF CF, C, C D, L, LL1	K, A B, T12, T11, S D, DI	RB	"Special" but scale arrangement is precisely the same as P253 without the "Special" designation.	C6
P261	Hemmi	Hemmi	N0150	KEEP	Duplex	25	Plastic	N	VG	Cardboard box (P); two-tone blue plastic case.	LL01, LL02, LL03, DF CF, C, C D, LL3, LL2, LL1	T, ST, K, A B, C, C D, L, P, S	TL	Plastic cursor.	C6
P261	Hemmi	Hemmi	N0148	SURPLUS	Duplex	25	Plastic	VG	VG	Two-tone blue plastic case (VG).	LL01, LL02, LL03, DF CF, C, C D, LL3, LL2, LL1	T, ST, K, A B, C, C D, L, P, S	TF		S
P261	Hemmi	Hemmi	N0149	SURPLUS	Duplex	25	Plastic	VG	VG	Two-tone blue plastic case (VG).	LL01, LL02, LL03, DF CF, C, C D, LL3, LL2, LL1	T, ST, K, A B, C, C D, L, P, S	TF	Cursor has some scuff marks.	S
P263 Commerce	Hemmi	Hemmi	N0152	KEEP	Duplex	25	Plastic	N	VG	Two-tone plastic case.	P1, P2, DF CF, C, C D, LL (2 scales, second with second calibration for %)	A, N M, E, S/d, C D, G	RK	Plastic cursor.	C6
P265 Business	Hemmi	Hemmi	N0156	KEEP	Duplex	25	Plastic	N	VG	Cardboard box (G); two-tone blue plastic case.	P1, P2, DF CF, C, C D, LL2, LL1 (includes second calibration in %)	A, D conversions, time, number of days mo/da, hr/min	SI	Plastic cursor.	C6

P271 Moist Air Tabai	Hemmi	Hemmi	N0154	KEEP	Duplex	25	Plastic	N	VG	Two-tone	x, xs (g/kgDA), (ice), T φ, tφ (°C) hw, hs (mmhg), Cl, C D, v, va (m3/kgDA), t (°C), t (°F)	Other unknown scale with complex labels	YB	Plastic cursor. Marked "Tabai" (probably a special for that company).	C6
P280	Hemmi	Hemmi	N0153	KEEP	Simplex	25	Plastic	N	VG	Two-tone blue plastic case (F-G).	T, K, A B, Cl, C D, L, S, ST	LL1, LL2, LL3	Ti	Plastic cursor. General construction is similar to a duplex rule, but the stators on the reverse side are bare.	C6
P35	Hemmi	Hemmi	N0378	KEEP	Simplex	11.5	Plastic	F	G	Leather sheath (G).	K, DF CF, Cl, C D, A		へNJ (he NJ)	Reverse imprinted with Marked 川崎製 鐵株式会社 (Kawasaki Seitetsu KK) and company logo. Inside of sheath has ミツワ 健産業 (Mitsuwa Kensan) and the name 三谷 (Mitani) written into it.	C6
P35	Hemmi	Hemmi	N0401	KEEP	Simplex	11.5	Plastic	Fair		Leather pouch.	K, DF CF, Cl, C D, A		JへA (J he A)	Pouch embossed 株式会社渡辺測器製作所 (KK Watanabe Sokki Seisakusho) and rear of slide rule marked Watanabe Instruments Corp and their small red logo.	C6
P36 換算尺	Hemmi	Hemmi	N0379	KEEP	Simplex	11.5	Plastic	F		Leather pouch.	Conversion scales	Conversion scales		Mostly marked in Japanese.	C6
P37 Sales	Hemmi	Hemmi	N0406	KEEP	Simplex	12.5	Plastic	N		Plastic sheath (VP); outer plastic box (G); outer cardboard box (G).	Profit ratio (1), (2) D C, Cl, number of days months/days	number of days, profit ratio	へSI		C6
P40 2	Hemmi	Hemmi	N0172	KEEP	Duplex	25	Plastic	N	VG	Two-tone blue plastic case (G); slide rule sized instruction sheet (coated board).	A, DF CF, Cl, C D, LL, LL	15 scales related to profitability calculations. Most are short scales.	RD	For Manufacturing. Marked "企画 (株) 田辺経営". 製造業用. (Planned by (KK) Tanabe Keiei for Manufacturing).	C4
P403	Hemmi	Hemmi	N0171	KEEP	Duplex	25	Plastic	N	VG	Two-tone blue plastic case (G); slide rule sized instruction sheet (coated board).	A, DF CF, Cl, C D, LL, LL	15 scales related to profitability calculations. Most are short scales.	RF	For sales. Marked " 企画 (株) 田辺経 営". 販売業用. (Planned by (KK) Tanabe Keiei for Sales).	C4
P43D	Hemmi	Hemmi	N0373	KEEP	Simplex	20	Plastic	VG	VG	Two-tone blue plastic case (G).	A B, Cl, C D, K	T, L, S		Plastic cursor	C6
P45D	Hemmi	Hemmi	N0367	KEEP	Simplex	20	Plastic	VG	VG	Two-tone blue plastic case (VG).	K, DF CF, Cl, C D, A	T, L, S		Plastic cursor.	C6
P45K	Hemmi	Hemmi	N0364	KEEP	Simplex	20	Plastic	VG	VG	Beige/green cardboard case (F- G).	K, DF CF, Cl, C D, A	T, L, S	へQK (he QK)	Plastic cursor.	C6

P45S	Hemmi	Hemmi	N0365	KEEP	Simplex	20	Plastic	N		Cardboard box (F); two-tone blue plastic case (VG); formulas/conversions card (VG).	K, DF CF, CI C D, A	TI, L, SI	~XB (he XB)		C6
Carton box calculator	Hemmi	Sony	N0400	KEEP	Simplex	17.5	Plastic	Good		Leather-grained plastic sheath w/flap (VG); cardboard strength table plastic reference card (VG); instruction sheet.	Total Pr, P: (kg) CI, C	W/L, Z: (cm), W/L		Specially graduated plastic cursor. Both slide rule and sheath marked SONY.	C6
32	Hemmi	Yamaha	N0212	KEEP	Duplex	10	Plastic on bamboo	N	VG	Leather sheath w/flap (G). Case marked with YAMAHA logo. Case also holds a three-faced scale marked, in Japanese Yamaha, Yamaha Unit Bath, and Yamaha Bath Set.	0-10cm // A B, CI, C D	S, L, T	XC	Plastic cursor with semi-cylindrical lens. Reverse of rule marked, in Japanese with Yamaha Unit Bath, a small blue & red Yamaha logo, and also the YAMAHA logo.	C5
200	Pickett	Pickett	N0274	KEEP	Simplex	12.5	Metal	P		Leather sheath with clip (F).	K, A B, CI, C D, L	S, ST, T		Very roughened sliding surfaces. Cursor feels fragile and moves with great effort. Sheath has name Rick written on it.	C8
300	Pickett	Pickett	N0273	KEEP	Duplex	12.5	Metal	P	F	Leather sheath (F).	LL3, DF CF, CID, CI, C D, L	LL1, A B, T, S, C D, LL2		Cursor attached upside down, w/spring on bottom when facing the obverse. Very roughened sliding surfaces. Name Harry Nelson written two places on the sheath.	C8
4-ES Dual-Base Log Log Reciprocal Scale (Vector Hyperbolic)	Pickett	Pickett	N0262	KEEP	Duplex	25	Metal	G	G	Leather case with snap-lock flap (G).	cube root (digits 1-4-7-10 etc), cube root (digits 2-5-8-11 etc), cube root (digits 3-6-9-12 etc), DF CF, C F, T, T, ST, S, CI, C D, DI, square root, square root	LL1 +.00D, LL1 -00D, LL2 +.0D, LL2 -0D, DF/M CF/M, TH, SH (2 scales), L, CI, C D, LL3 +.D, LL3 -.D, LL4 +D, LL4 -D		Metal top and bottom cursor end pieces.	C8
4-T Dual-Base Log Log Reciprocal Scale (Vector Hyperbolic)	Pickett	Pickett	N0266	KEEP	Duplex	25	Metal	G	F	Leather sheath with flap (G).	cube root (digits 1-4-7-10 etc), cube root (digits 2-5-8-11 etc), cube root (digits 3-6-9-12 etc), DF CF, C F, T, T, ST, S, CI, C D, DI, square root, square root	LL1 +.00D, LL1 -00D, LL2 +.0D, LL2 -0D, DF/M CF/M, TH, SH (2 scales), L, CI, C D, LL3 +.D, LL3 -.D, LL4 +D, LL4 -D		Very roughened sliding surfaces. Metal top and bottom cursor end pieces.	C8

600	Pickett	Pickett	N0276	KEEP	Duplex	12.5	Metal	F		Leather sheath (P).	LL2, DF CF, CIF, CI, C D, LL3	LL1, A B, T, ST, S, C D, DI, K		Metal top and bottom cursor end pieces. Very roughened sliding surfaces. Cursor attached upside down (spring at bottom when facing the obverse).	C8
N1010-ES TRIG	Pickett	Pickett	N0265	KEEP	Duplex	25	Metal	G	G	Leather sheath w/flap (P).	DF CF, CIF, CI, C D, L	K, A B, ST, T, S, C D, DI		Plastic cursor end pieces with textured pattern. Sheath has writing.	C8
N4-ES Vector-Type Log Log	Pickett	Pickett	N0263	SURPLUS	Duplex	25	Metal	G	G	Leather case (G, w/metal loop).	cube root (digits 1-4-7-10 etc), cube root (digits 2-5-8-11 etc), cube root (digits 3-6-9-12 etc), DF CF, CIF, T, T, ST, S, CI, C D, DI, square root, square root	LL1 +.00D, LL1 -00D, LL2 +.0D, LL2 -0D, DF/M CF/M, TH, SH (2 scales), Ln, L, CI, C D, LL3 +.D, LL3 -D, LL4 +D, LL4 -D		Some scratches on rear of slide. Plastic top and bottom cursor end pieces (with texturing line pattern).	S
N4-ES Vector-Type Log Log Dual-Base Speed Rule	Pickett	Pickett	N0264	KEEP	Duplex	25	Metal	VG	VG	Leather sheath w/flap (VG).	cube root (digits 1-4-7-10 etc), cube root (digits 2-5-8-11 etc), cube root (digits 3-6-9-12 etc), DF CF, CIF, T, T, ST, S, CI, C D, DI, square root, square root	LL1 +.00D, LL1 -00D, LL2 +.0D, LL2 -0D, DF/M CF/M, TH, SH (2 scales), Ln, L, CI, C D, LL3 +.D, LL3 -D, LL4 +D, LL4 -D		Plastic cursor end pieces (with texturing pattern).	C8
N600-ES Log Log Speed Rule	Pickett	Pickett	N0271	KEEP	Duplex	12.5	Metal	G	G	Leather sheath w/clip (G).	LL2+, LL2-, DF CF, Ln, L, CI, C D, LL3+, LL3-	LL1+, LL1-, A B, ST, T, S, C D, DI, K		Plastic cursor end pieces (w/texturing pattern). Cursor attached upside down (spring at bottom when facing the obverse).	C8
N600-T Log Log Speed Rule	Pickett	Pickett	N0269	KEEP	Duplex	12.5	Metal	G	G	Leather sheath w/clip (F).	LL2+, LL2- DF CF, Ln, L, CI, C D, LL3+, LL3-	LL1+, LL1-, A B, ST, T, S, C D, DI, K		Plastic top & bottom cursor end pieces with texturing pattern.	C8
N600-T Log Log Speed Rule	Pickett	Pickett	N0272	KEEP	Duplex	12.5	Metal	G	VG	Leather sheath w/clip (G).	LL2+, LL2- DF CF, Ln, L, CI, C D, LL3+, LL3-	LL1+, LL1-, A B, ST, T, S, C D, DI, K		Plastic top & bottom cursor end pieces with texturing pattern.	C8
N901-T Simplex	Pickett	Pickett	N0268	KEEP	Simplex	25	Metal	VG	VG	Plastic sheath (F-G).	K, A B, CI, C D, L	Conversion coefficients		Plastic top/bottom end pieces with texturing pattern.	C8
N902-T Simplex Trig	Pickett	Pickett	N0267	KEEP	Duplex	25	Metal	VG	G	Plastic sheath (F-G).	K, A B, T, S, CI, C D, L	Usage guide		Plastic top/bottom cursor end pieces with texturing pattern.	C8
55	Ricoh	Alpha	N0304	KEEP	Simplex	12.5	Plastic	G	VG	Leather sheath (F).	0-5in // A B, CI, C D, K	S, L, T	IJ-3	Yellowing.	C10
1155 Elite Multilog	Ricoh	Alvin	N0447	KEEP	Duplex	12.5	Plastic on bamboo	VP	VG	Leather sheath w/clip.	LL/1, LL/2, LL/3 DF CF, CIF, CI, C D, LL3, LL2, LL1	LL/0, L, K, A B, S, T, C D, DI, P, LL0		Brokeen cursor end piece.	C10

1157	Ricoh	Alvin	N0191	KEEP	Duplex	25	Plastic on bamboo	VG	VG	Leather case w/flap (G, marked Alvin Elite); owner's name handwritten neatly on inside of flap.	Sr, Stheta, P, P Q, CF, CI, C D, DF, LL2, LL3	Sh2, Sh1, A B, K, Th, C D, Tr1, Tr2, dB	MK-4	Extended A, B, C, and D scales. Rounded cursor plastic top/bottom pieces. Slide front left end marked ELITE VECTOR. Case flap marked Alvin.	C10
1321	Ricoh	Compass	N0190	KEEP	Duplex	25	Plastic on bamboo	Good (very slight uniform yellowing, smooth operation)		Leather case with flap (F-G).	L, LL1, DF CF, C/F, CI, C D, LL3, LL2	LL0, LL00, A B, K, CI, C D, S, ST, T	FK-1	Similar to Ricoh 150. Rectangular cursor with plastic top & bottom pieces. Case flap bears "Compass" marking. Owner's name written neatly inside flap.	C10
505	Ricoh	Compass	N0302	KEEP	Simplex	12.5	Plastic on bamboo	G	VG	Leather sheath w/flap (F).	0-13cm // A B, CI, C D, K // 0-5in	S, L, T			C10
800	Ricoh	Jason	N0341	KEEP	Simplex	25	Plastic on bamboo	F	P	Black/red cardboard case (G).	A B, CI, C D, K	S, L, T	MK-3	Metal-framed cursor.	C10
99-70997 Decimalog	Ricoh	Lafayette	N0210	KEEP	Duplex	12.5	Plastic on bamboo	G	VG	Leather pouch w/clip (G=VG). Pouch embossed 99-70997.	LL/1, LL/2, LL/3, DF CF, C/F, CI, C, LL3, LL2, LL1	LL/0, L, K, A B, S, T, C D, DI, P, LL0	TS-4	Pouch embossed with Lafayette and 99-70997.	C10
F-428	Ricoh	Lafayette	N0185	KEEP	Duplex	25	Plastic on bamboo	F		Leather case w/flap (F).	LL/1, LL/2, LL/3, DF CF, C/F, CI, C D, LL3, LL2, LL1	LL/0, L, K, A B, S, ST, T, C D, DI, P, LL0	IS-2	Rectangular cursor. Non-uniform yellowing. Year code marked in black on lower front stator. Case has owner's name written on inside of flap) and embossed Lafayette name and model number.	C10
F-681 Decl Log	Ricoh	Lafayette	N0209	KEEP	Duplex	12.5	Plastic on bamboo	Good. Yellowing in center of slide on both sides. Smooth sliding.		Leather pouch with clip (G).	LL/1, LL/2, LL/3, DF CF, C/F, CI, C, LL3, LL2, LL1	LL/0, L, K, A B, S, T, C D, DI, P, LL0	KK-4	Pouch embossed Lafayette and F-681.	C10
102S	Ricoh	Lutz	N0193	KEEP	Simplex	25	Plastic on bamboo	Very good		Red/white cardboard box (VG).	S, K, A B, CI, C D, L, T		PS-1	Marked Lutz No. 102S on top stator front, "U.S." on right of slide front, and Made in Japan on bottom stator front. Construction is similar to a duplex rule, but reverse has no scales. Ends painted tan.. Case has Lutz name embossed.	C10
252	Ricoh	Lutz	N0197	KEEP	Duplex	25	Plastic on bamboo	G	VG	Leather case w/flap and marked Lutz.	DF CF, C/F, CI, C D, L	K, A B, T1, T2, ST, S D, DI	OS-2	Marked Lutz 252 on top stator front. Ends painted tan. Case embossed Lutz.	C10

252	Ricoh	Lutz	N0198	KEEP	Duplex	25	Plastic on bamboo	G	VG	Leather case with flap, belt loop, and additional loop attached thereto.	DF CF, C F, C , C D, L	K, A B, T1, T2, ST, S D, D1	WS-2	Marked Lutz on top stator front and "U.S. Government" to the right thereof. Appears to be the same as the Ricoh 252. Ends unpainted. Cursor with rounded-end plastic top and bottom pieces. Case made in Brasil.	C10
TL-373 150	Ricoh	Olson	N0184	KEEP	Duplex	25	Plastic on bamboo	F	VG	Leather case with flap (G).	L, LL1, DF CF, C F, C , C D, LL3, LL2	LL0, LL00, A B, K, C , C D, S, ST, T	RS-8	Medium non-uniform yellowing. Slide rule itself has Ricoh logo and TL-373, but is not marked Olson. Case is embossed Olson and TL-373.	C10
104	Ricoh	Relay	N0336	KEEP	Simplex	25	Plastic on bamboo	G	VG	Black/red cardboard case (P).	0-25cm // L, LL, D1, M2, M1, C D, K, A // 0-10in	S, L, T	EK-3	Metal-framed cursor. Uniform slight yellowing.	C10
107 Electro	Ricoh	Relay	N0320	KEEP	Simplex	25	Plastic on bamboo	Good. Uniform yellowing. Very smooth.	VG	None.	0-25cm // Dynamo-Motor, L1, A B, C , C D, L2 Volt 0-10in	S, L, T	BK-3	Slightly corroded, metal-frame Hemmi cursor (3 lines).	C10
150	Ricoh	Relay	N0199	KEEP	Duplex	25	Plastic on bamboo	Good, smooth.		Leather case w/flap (P).	L, LL1, DF CF, C F, C , C D, LL3, LL2	LL0, LL00, A B, K, C , C D, S, ST, T	GK-1	Moderate uniform yellowing. Rectangular cursor with plastic top & bottom pieces. Year code in black on right end of lower front stator. Relay name embossed on case flap.	C10
150	Ricoh	Relay	N0217	KEEP	Duplex	25	Plastic on bamboo	Good, smooth. Marked 見本 and 1800 yen.	VG		L, LL1, DF CF, C F, C , C D, LL3, LL2	LL0, LL00, A B, K, C , C D, S, ST, T	IK-4	Front marked in red with 見本 (Sample) and price of 1800 yen.	C10
102	Ricoh	Ricoh	N0312	KEEP	Simplex	25	Plastic on bamboo	N	VG	Brown/red cardboard case (G).	A B, C , C D, K	S, L, T	RS-7		C10
102	Ricoh	Ricoh	N0315	KEEP	Simplex	25	Plastic on bamboo	N	VG	Brown/red cardboard case (G).	A B, C , C D, K	S, L, T	RS-7	Liberated from sealed bag 2018-10-15.	C10
105	Ricoh	Ricoh	N0305	KEEP	Simplex	25	Plastic on bamboo	N	VG	Green/white box (VP); clear plastic case (N).	0-25cm // K, A B, C , C D, L	S, S&T, T	NS-3	Liberated from sealed bag 2018-10-15.	C10
105	Ricoh	Ricoh	N0306	KEEP	Simplex	25	Plastic on bamboo	N	VG	Green/white box (VP); clear plastic case (N).	0-25cm // K, A B, C , C D, L	S, S&T, T	NS-3	Liberated from sealed bag 2018-10-15.	C10
1051S	Ricoh	Ricoh	N0177	KEEP	Duplex	25	Plastic on bamboo	G	VG	Two-tone plastic case (F-G).	LL1, L, DF CF, C F, C , C D, LL3, LL2	K, A B, S, T11, T12, C D, D1	TS-7	Wide cursor end pieces. S scale in place of SI scale of the 1051S-I.	C10
1051S-I	Ricoh	Ricoh	N0176	KEEP	Duplex	25	Plastic on bamboo	N	VG	Two-tone plastic case (G).	LL1, L, DF CF, C F, C , C D, LL3, LL2	K, A B, S , T11, T12, C D, D1	WS-9L	Modern, narrow cursor.	C10

116	Ricoh	Ricoh	N0310	KEEP	Simplex	25	Plastic on bamboo	N	VG	Brown/red cardboard case (F-G)	0-25cm // K, DF CF, CIF, CI, C D, A, DI	T1, T2, L, S	MK-1	Metal-framed cursor.	C10
116S	Ricoh	Ricoh	N0309	KEEP	Simplex	25	Plastic on bamboo	N	VG	Green box (P); clear plastic case (VG).	0-25cm // K, A, DF CF, CIF, CI, C D, DI, L	B, S, T, C	P.S-4	Metal-framed cursor. Box label says 116-S.	C9
116S	Ricoh	Ricoh	N0332	KEEP	Simplex	25	Plastic on bamboo	VG	VG	Beige/blue plastic case (VG)	0-25cm // K, A, DF CF, CIF, CI, C D, DI, L	B, S, T, C	XS-8	Metal-framed cursor. Some scratching on bottom of reverse.	C9
116S	Ricoh	Ricoh	N0308	SURPLUS	Simplex	25	Plastic on bamboo	N	VG	Green box (P); clear plastic case (VG).	0-25cm // K, A, DF CF, CIF, CI, C D, DI, L	B, S, T, C	P.S-4	Metal-framed cursor.	S
150	Ricoh	Ricoh	N0178	KEEP	Duplex	25	Plastic on bamboo	VG	VG	Leather case with flap (VG).	L, LL1, DF CF, CIF, CI, C D, LL3, LL2	LL0, LL00, A B, K, CI, C D, S, ST, T	RS-8	White plastic cursor end pieces. Frameless plastic windows.	C9
155D	Ricoh	Ricoh	N0188	KEEP	Duplex	25	Plastic on bamboo	VG	G	Green/white cardboard box (F-G); cream/teal plastic case (G); data table card (VG).	L, K, DF CF, CIF, CI, C D, R1, R2	HR, MIN TIME, NI, N N', t, th		White plastic cursor end pieces. Frameless plastic windows.	C9
2509	Ricoh	Ricoh	N0175	KEEP	Duplex	25	Plastic on bamboo	N	VG	Beige/blue plastic case (G).	LL/1, LL/2, LL/3, A B, BI, K, CI, C D, LL3, LL2, LL1	Sh1, Sh2, P2, P1 Q, Sr, Stheta, Th, C D, T2, T1, L	WS-3L	Metal-framed cursor. Looks like Ricoh's flagship model.	C9
252	Ricoh	Ricoh	N0180	KEEP	Duplex	25	Plastic on bamboo	G	VG	Red/brown cardboard case (VP).	DF CF, CIF, CI, C D, L	K, A B, T1, T2, ST, S D, DI	QS-2	Plastic cursor end pieces. One cursor window cracked near screw. Equal-length stators.	C9
403	Ricoh	Ricoh	N0300	KEEP	Simplex	10	Plastic on bamboo	N	VG	Open-ended cardboard sheath (G); green leather sheath (N); flat leather sheath (N).	0-10cm // A B, CI, C D	S, L, T	RS-6	Metal-framed cursor. Liberated from sealed bag 2018-10-15. Flat leather sheath will probably tear if rule is inserted.	C9
505	Ricoh	Ricoh	N0280	KEEP	Simplex	12.5	Plastic on bamboo	VG	G	Leather sheath (F-G).	0-15cm // A B, CI, C D, K	S, L, T	WS-1	Metal-framed cursor.	C9
505	Ricoh	Ricoh	N0281	KEEP	Simplex	12.5	Plastic on bamboo	VG	VG	Leather sheath (F).	0-15cm // A B, CI, C D, K	S, L, T	US-3	Metal-framed cursor. Sheath marked with Komatsu, Ltd. logo.	C9
505	Ricoh	Ricoh	N0282	KEEP	Simplex	12.5	Plastic on bamboo	G	VG	None.	0-15cm // A B, CI, C D, K	S, L, T	QS-3	Metal-framed cursor. Slight stain on front of lower stator.	C9
505	Ricoh	Ricoh	N0283	KEEP	Simplex	12.5	Plastic on bamboo	N	VG	Open-ended cardboard box; flat leather sheath.	0-15cm // A B, CI, C D, K // 0-5in	S, L, T		Metal-framed cursor. Flat leather sheath will probably tear if rule is inserted.	C9
514	Ricoh	Ricoh	N0293	KEEP	Simplex	12.5	Plastic on bamboo	N	VG	Open-ended cardboard box (G); flat leather sheath.	0-13cm // K, DF CF, CI, C D, A	T1, T2, L, S	RS-6	Metal-framed cursor. Liberated from sealed bag 2018-10-15. Flat leather sheath will probably tear if rule is inserted.	C9

514	Ricoh	Ricoh	N0294	KEEP	Simplex	12.5	Plastic on bamboo	N		Open-ended cardboard box (G); flat leather sheath.	0-13cm // K, DF CF, CI, C D, A	T1, T2, L, S	RS-6	Metal-framed cursor. Flat leather sheath will probably tear if rule is inserted.	C9
777 株式計算尺	Ricoh	Ricoh	N0333	KEEP	Simplex	25	Plastic on bamboo	VG	VG	Yellow/white cardboard box (VP); beige/blue plastic case (VG).	0-25cm // Number of shares, share price, earnings per share PER, dividend, capital, profit, profit on capital		SS-1	777 Stock Shares Slide Rule.	C9
82	Ricoh	Ricoh	N0329	KEEP	Simplex	20	Plastic on bamboo	N	VG	Plastic pouch with clear front (F).	A B, CI, C D, K	S, L, T	SS-2	Plastic cursor. Liberated from sealed bag 2018-10-15.	C9
82	Ricoh	Ricoh	N0330	KEEP	Simplex	20	Plastic on bamboo	N		Plastic pouch with clear front (F).	A B, CI, C D, K	S, L, T	SS-2	Plastic cursor. Liberated from sealed bag 2018-10-15. Cursor sticky.	C9
84	Ricoh	Ricoh	N0324	KEEP	Simplex	20	Plastic on bamboo	N	VG	Blue pastic pouch w/clear front (F).	K DF CF, CI, C D, A	S, L, T	RS-12	Plastic cursor. Liberated from sealed bag 2018-10-15.	C9
84	Ricoh	Ricoh	N0325	KEEP	Simplex	20	Plastic on bamboo	N	VG	Blue pastic pouch w/clear front (F).	K DF CF, CI, C D, A	S, L, T	US-6	Plastic cursor. Liberated from sealed bag 2018-10-15.	C9
885 栄養計算尺	Ricoh	Ricoh	N0335	KEEP	Simplex	20	Plastic	VP	VP	Orange/white box (F-G); red plastic case w/snap-lock flap (G).	Body surface area, basic metabolism, height weight, food component nutrient amount	Male and femail weight and weight windows		Nutrition slide rule. Almost all markings in Japanese. Slide cannot be moved.	C9
311	Ricoh	Sans & Streiffe	N0200	KEEP	Duplex	25	Plastic on bamboo	G	VG	Leather case w/flap.	L, LL1, DF CF, CIF, CI, C D, LL3, LL2	LL0, LL00, A B, K, CI, C D, S, ST, T	HS-3	Rectangular cursor with plastic top & bottom pieces. Year code in black on right end of lower front stator. Quite uniform medium yellowing. Case marked Sans & Streiffe.	C9
312	Ricoh	Sans & Streiffe	N0183	KEEP	Duplex	25	Plastic on bamboo	G	VG	Leather case w/flap (G).	LL/1, LL/2, LL/3, DF CF, CIF, CI, C D, LL3, LL2, LL1	LL/0, L, K, A B, S, ST, T, C D, DI, P, LL0	IS-2	Rectangular cursor. Year code marked in black on lower front stator. Case marked Sans & Streiffe. Cursor marked with scale names.	C9
1510	Ricoh	Scientific Instruments (SIC)	N0201	KEEP	Duplex	25	Plastic on bamboo	Good (slight uniform yellowing)		Leather case with flap (F, name written inside flap).	LL/1, LL/2, LL/3, DF CF, CIF, CI, C D, LL3, LL2, LL1	LL/0, L, K, A B, S, ST, T, C D, DI, P, LL0	IS-2	Rounded-end plastic cursor top & bottom pieces. Year code marked in black on lower front stator. Company name followed by 1961 on bottom edge. Case maked with SIC logo.	C9

Unknown	Ricoh	理研光学工業 (Rika Kogaku Kogyo)	N0345	KEEP	Simplex	15	Plastic on bamboo	P	P	Cardboard pouch (VP).	0-15cm // A B, Ci, C D, K // 0-6in	S, L, T		Reverse marked with address in Omori-ku (which was merged in 1947 with Kamata-ku to form Ota-ku). Scratched marking of 蒸装一班 (steam equipment group 1) and name Aso. Initials YA also marked. Corroded cursor needs new spring.	C9
2398	Unknown	Bruning	N0449	SURPLUS	Duplex	12.5	Plastic	G	G	Leather sheath (F) with Bruning logo.	DF CF, Ci, C D, L	K, A B, ST, S D, T		Marked Charles Bruning Company, Inc. and bears the Bruning logo.	S
S889	Unknown	C-Thru	N0432	KEEP	Duplex	25	Plastic	VG	VG	Plastic pouch (F).	LL02, LL03, DF CF, Cif, Ci, C D, LL3, LL2	LL01, K, A B, T, ST, S D, L, LL1		Plastic cursors (two screws on front side). Made in Japan.	C11
Redirule 1776	Unknown	Dietzgen	N0383	KEEP	Duplex	12.5	Plastic	F/G		Leather pouch (F).	DF CF, Cif, Ci, C D, L	K, A B, T, ST, S D, Di		Plastic cursor w/end pieces. Made in US.	C11
2510	Unknown	Giken	N0391	KEEP	Duplex	25	Plastic	G		Cardboard case (G).	LL/1, LL/2, LL/3 DF CF, Cif, Ci, C D, LL3, LL2, LL1	LL0, LL/0, A B, ST, T, S, C D, L, Di, K		Possibly made by Fuji.	C11
82	Unknown	Heaven	N0436	KEEP	Simplex	20	Plastic	F		Dark-red outer box (VP); plastic sheath	0-20cm // K, DF CF, Ci, C D, A	S, L, T			C11
57	Unknown	Hope	N0395	KEEP	Simplex	12.5	Plastic	Fair		Leather sheath (F).	0-13cm // A B, Ci, C D, K	S, L, T			C11
7153LL	Unknown	Kent	N0387	KEEP	Simplex	25	Plastic			Gray/dark-red outer box (G); bright-green plastic case (VG).	L, K, A B, Ci, C D, S, ST, T	0-25cm S, LL2, LL3		Made in Japan. Case similar to Fuji cases.	C11
Unknown	Unknown	Leningrad	N0393	KEEP	Simplex	25	Plastic on wood	Fair	F	Cardboard case.	0-25cm // K, A B, Ci, C D, L // 1:25			Metal-framed cursor Marked 1961. Made in Leningrad.	C11
551	Unknown	RCA	N0448	SURPLUS	Duplex	12.5	Plastic	VG	VG	Leather sheath (F, w/RCA logo); outer box (G) with RCA logo.	DF CF, Ci, C D, L	K, A B, S, T, C D			S
Executive 1091	Unknown	Royal	N0385	KEEP	Simplex	25	Plastic	N	VG	Outer box (G); plastic case (VG).	T2, T1, ST, DF CF, Cif, Ci, C D, P, S	LL01, LL02, LL03 A B, L, K, C D, LL3, LL2, LL02		Cursor uses all clear elements (single screw at top and bottom). Made in Japan. Case color is similar to some Fuji cases.	C11
Olympic 1052	Unknown	Royal	N0386	KEEP	Simplex	25	Plastic			Orange/green/black outer box (G); green/beige plastic case (VG).	L, K, A B, Ci, C D, ST, T	0-25cm		Made in Japan. Case green cap similar to Fuji cases.	C11
Olympic 1053	Unknown	Royal	N0389	KEEP	Simplex	25	Plastic			Beige/green plastic box (G).	L, K, A B, Ci, C D, S, ST, T	0-25cm S, LL2, LL3		Made in Japan. Case similar to Fuji cases. One-piece cursor.	C11

Fujino-shiki Calculator	Unknown	Tamaya (perhaps only sales)	N0450	SURPLUS	Round simplex	9	Metal	F	G	None.				Metal weight calculator; problem Taisho era. Made of brass. No cursor (and apparently never had a cursor).	S
肥満度計 (obesity calculator)	Unknown	Yamaha	N0439	KEEP	Duplex		Paper	F		None.	Male scales	Female scales			C11
教材用簡易計算尺	Unknown	ヘッドライト社 (Headlight company)	N0442	KEEP	Simplex	15	Paper	F		Paper sheath (F).	A B, Cl, C D, K	Instructions			C11
曾田式計算尺 (Masuda Slide Rule)	Unknown	修学館	N0441	KEEP	Simplex	19	Paper	F		Paper sheath (F).	A B, Cl, C D	S, L, T		Includes two 新案 numbers (JP) and one patent number from 満洲国.	C11
Unknown	Unknown	富士重工	N0440	KEEP	Simplex	12.5	Plastic	F		None.	A B, Cl, C D, K	S, L, T		Plastic cursor. Marked 富士重工 (Fuji Juko) and logo thereof on rear.	C11