

SHARP CASH REGISTERS AT A GLANCE										
Model Name:			ER-A320	ER-A330	ER-A410	ER-A420	ER-A440	ER-A450T	ER-A520	ER-A530
										
HARDWARE	Printer	Type	2 Sta. Drum	2 Sta. Drum	2 Sta. Thermal	2 Sta. Thermal	2 Sta. Dot	2 Sta. Thermal	2 Sta. Thermal	2 Sta. Thermal
		Printing (approx.)	2.6lps	3.0lps	13.3lps	13.3lps	3.0lps	13.3lps	17lps	17lps
		Paper Width	44.5mm	44.5mm	44.5mm	44.5mm	44.5mm	44.5mm	58mm	58mm
		Logo Control	Stamp	Stamp	Graphics Logo	Graphics Logo	Logo Print	Graphics Logo	Graphics Logo	Graphics Logo
	Display	Operator	1 Line LED, 10D	1 Line LED, 10D	2 Line LCD-16 Char.	2 Line LCD-16 Char.	1 Line LED, 10D	1 Line LED, 10D	2 Line LCD-16 Char.	2 Line LCD-16 Char.
		Customer	LED 7S/7D	LED 7S/7D	LED 7S/7D	LED 7S/7D	LED 7S/7D	LED 7S/7D	LED 7S/7D	LED 7S/7D
	Keyboard	Type	Raised	Raised	Raised	Flat	Raised	Raised	Raised	Flat
		Number of Keys	Std.44/68 Max.	Std.50/68 Max.	Std.61/82 Max.	Std.119	Std.62/68 Max.	Std.63/68 Max.	Std.69/84 Max.	Max. 144
	Drawers (Max. 2)	Compartments	5B/5C	5B/5C	5B/5C	5B/5C	5B/5C	5B/5C	5B/5C	5B/5C
	Memory Expansion		N	N	N	N	ER-03RA	ER-03RA	UP-S02MB	UP-S02MB
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	RS-232		N	N	Std. 2	Std. 2	Std. 1	Std. 2	Std. 2	Std. 2
	Interfaces	CAT	N	N	Y	Y	N	N	Y	Y
		Coin Dispenser	N	N	Y	Y	N	N	Y	Y
		KP	N	N	Y	Y	N	N	Y	Y
		MCR	N	N	for CAT (Local)	for CAT (Local)	N	N	for CAT (Local)	for CAT (Local)
		Modem/PC	N	N	Y	Y	Y	Y	Y	Y
		Pole Display	N	N	N	N	N	N	Y	Y
		Roll Printer	N	N	Y	Y	N	N	Y	Y
		Scale	N	N	Y	Y	N	Y	Y	Y
		Scanner	N	N	Y	Y	N	Y	Y	Y
		Slip printer	N	N	Y	Y	N	Y	Y	Y
	Back Office Reporting		N	N	Y	Y	Y	Y	Y	Y
SOFTWARE	Auto Function		Max.10	Max.10	Max.10	Max.10	Max.10	Max.10	Max.10	Max.10
	Cashier/Clerks	No.	Max. 20/Code	Max. 20/Code	Max. 20/Code	Max. 20/Code	Max. 99/Code	Max. 50/Code	Max. 50/Code	Max. 50/Code
		Char. Text	N	N	8	8	8	8	8	8
		Comp. Cash Declaration	N	N	Y	Y	N	N	Y	Y
		Overlap Function	N	N	Y	Y	N	Y	Y	Y
	Dept.	No.	Max. 40	Max. 50	Max. 99	Max. 99	Max. 50	Max. 99	Max. 99	Max. 99
		Char. Text	N	N	16	16	8/12/16	8/16	8/16	8/16
	PLU/UPC	No. Standard	600	750	500	500	950	500	2,000	2,000
		No.Maximum	600	750	1500	1500	10,000	10,000	15,000	15,000
		Char. Text	N	N	16	16	8/12/2016	12/16	16	16
		Code	3 Digits Free	3 Digits Free	13 Digits Free	13 Digits Free	6 Digits Free	13 Digits Free	13 Digits Free	13 Digits Free
		Condiments	N	N	N	N	N	N	Y	Y
		Link PLU	N	N	Y	Y	Y	Y	Y	Y
		Learning Function	N	N	Y	Y	N	Y	Y	Y
		Menu Levels	N	N	3	3	0	0	5	5
		Mix&Match	N	N	Y	Y	N	Y	Y	Y
		Price Change/Inquiry	N	N	Y	Y	N	Y	Y	Y
		Price Shift	N	N	2	2	0	3	6	6
	Previous Balance	PBLU/GLU/Manual PB	N	N	PBLU	PBLU	None	PBLU	GLU/PBLU/Manual	GLU/PBLU/Manual
		Code	N	N	999	999	0	1000	9999	9999
		Closed Check Recall	N	N	N	N	N	N	Y	Y
	Media/Function Keys	Cash/Chk/Chg	2/1/2	2/1/2	2/2/5	2/2/5	2/2/5	2/2/5	5/5/9	5/5/9
		Coupon/Disc%	2/2	2/2	4/4	4/4	4/4	4/4	5/5	5/5
		Eat In/Out	N	N	N	N	N	N	Y	Y
		Food Stamps	Y	Y	Y	Y	Y	Y	Y	Y
		RA/PO	1/1	1/1	2/2	2/2	1/1	2/2	2/2	2/2
	Correction	Indirect/Direct/MGR/SBTL	Y/Y/Y/Y	Y/Y/Y/Y	Y/Y/Y/Y	Y/Y/Y/Y	Y/Y/Y/Y	Y/Y/Y/Y	Y/Y/Y/Y	Y/Y/Y/Y
		Refund	Y	Y	Y	Y	Y	Y	Y	Y
	Others	Training Mode	by Mode	by Mode	by Cashier	by Server	by Mode	by Mode	by Cashier	by Server
	Tax		4	4	4	4	4	4	4	4
OTHERS	Program Back Up		N	N	via PC	via PC	ER-02FD	via PC	via PC	via PC
	Dimensions	(W)x(D)x(L)	16.5 x 16.7 x 12.0	16.5 x 16.8 x 11.7	16.5 x 16.8 x 11.7	16.5 x 16.8 x 11.7	16.5 x 16.8 x 11.6	16.5 x 16.8 x 11.5	21.3 x 20.3 x 15.8	21.3 x 20.3 x 15.8
	Weight		28.7 Lbs	28.7 Lbs	29.1 Lbs	29.1 Lbs	32 Lbs	27.6 Lbs	31.7 Lbs	31.7 Lbs