

# CRX SERIES ROCKWELL TYPE

The CRX Series Rockwell Type Hardness Tester is extremely reliable, built for high volume testing with precise accuracy. Available in standard, superficial and twin models, the CRX can accommodate many testing requirements. Simple to use, you can depend on the CRX Series for its performance and efficiency.

## Special Features

- Hardness conversion display for many scales
- Upper and lower limits capability and HI / OK / LO display
- Plastic measurement mode comes standard
- Easy "zero" setting with electronic sound
- Automatic and manual start loading
- One piece, heavy-duty cast housing enclosing all internal parts
- Calculates the average value
- Round and spherical work correction settings
- LED light
- Complies with ASTM & ISO 17025 Standards



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ITEM	CRX-1e/CRX-1	CRX-2e/CRX-2	CRX-3e/CRX-3
MINOR LOAD	10 kgf (98.07 N)	3 kgf (29.42 N)	3 kgf (29.42 N) / 10 kgf (98.07 N)
TEST LOAD	60 – 100 – 150 kgf 588.4 – 980.7 – 1471 N	15 – 30 – 45 kgf 147.1 – 294.2 – 441.3 N	15 – 30 – 45 kgf 147.1 – 294.2 – 441.3 N 60 – 100 – 150 kgf 588.4 – 980.7 – 1471 N
MINOR LOAD POSITION SETTING	Automatic setting (electronic sound monitoring.)		
LOAD CONTROL	Automatic (application-holding-release)		
DWELL TIME	1-999 sec (key entry in units of seconds)		
PLASTIC MEASUREMENT	Standard function (one-touch selection), time up to hardness value display after release: 1 to 999 sec		
HARDNESS CONVERSION	Hardness conversion capable in compliance with ASTM (€-140)		
HI / LO CRITERIA	Upper and lower limit settings and HI / OK / LO display (HR 0 to 130, min. 0.1 hardness increment)		
SCALE DISPLAY	C,D,A,G, B,F,H,€ H,P,M,L V,S,R	15N, 30N, 45N, 15T, 30T, 45T, 15U, 30U, 45U, 15X, 30X, 45X 15Y, 30Y, 45Y	C, D, A, G, B, F, H, €, H, P, M, L, V, S, R, 15N, 30N, 45N, 15T, 30T, 45T 15U, 30U, 45U, 15X, 30X, 45X 15Y, 30Y, 45Y
OUTPUT SIGNAL	RS232C (Baud rate: 9600 bps)		
RS-232 OUTPUT & PRINTOUT MODES	1 - Measurement data only 2 - Measurement data and evaluation results (max.value, min. value & OK/NG) 3 - Measurement data and conversion data 4 - Measurement data, conversion data and evaluation results (max. value, min. value & OK/NG) 5 - Measurement data and average value 6 - Maximum depth of indenter and measurement data		
MAX. SPECIMEN HEIGHT	10" (255mm) / 17" (435mm)	10" (255mm) / 17" (435mm)	8.5" (225mm) / 15" (405mm)
MAX. SPECIMEN DEPTH	6.5" (165mm)	6.5" (165mm)	6.5" (165mm)
DIMENSIONS	W 7.7" (196mm) x D 19.2" (487mm) x H 32.3" / 38" (820mm / 965mm)		
WEIGHT	Aprx. 190 Lbs (87 kG)	Aprx. 190 Lbs (87 kG)	Aprx. 200 Lbs (99 Kg)
POWER SUPPLY	120 VAC 1Ø 2A / (AC 100~240V) Please Specify		

#### STANDARD ACCESSORIES

Hardness Standard	HRC	1	–	1
Hardness Standard	HRB	1	–	1
Hardness Standard	HR30N	–	1	1
Hardness Standard	HR30T	–	1	1
Diamond Indenter	1 "C"		1 "N"	1 "C", 1 "N"
1/16" Carbide Ball Indenter	1		1	1
1/16" Carbide Balls Indenter	4		4	4
Anvil	2 1/2" Flat	1	1	1
Anvil	1 1/2" V-Shape	1	1	1

Machine Cover, Accessory Box, Manual, Leveling Leg Set, Conversion Chart

