

Our CRM and CTM analog "Rockwell type" motorized hardness testers are for those seeking an affordable solution without compromise. They provide auto test-force applications for reduced errors during testing. This unit is equipped with a built-in dial indicator that is easy to read and accurate.

Special Features

- Capable of 15 (CRM) or 30 (CTM) different Rockwell-type scales
- Motorized system for loading and removal of major loads
- Ball bearing guided spindle mechanism
- Built-in dial-a-weight system
- Heavy-duty cast housing protects from dust and corrosion
- Conforms to tolerances per ASTM & ISO 17025 Standards

MODEL	CRM-12/CRM-18 (STANDARD)	CTM-12/CTM-16 (STANDARD & SUPERFICIAL)
MINOR LOAD	10 kgf (98.07N)	10 kgf (98.07N) 3Kg (29.42N)
TEST LOAD	60 kgf (588.4N), 100 kgf (980.7N), 150 kgf (471N)	15 kgf (147.1N), 30 kgf (294.2N), 45 kgf (441.3N) 60 kgf (588.4N), 100 kgf (980.7N), 150 kgf (471 N)
LOAD CONTROL	Automatic (loading, holding, removing method)	Automatic (loading, holding, removing method)
DWELL TIME	Selectable 1-99 seconds	Selectable 1-99 seconds
SCALES	A,B,C,D,E,F,G,H,K,L,M,P,R,S,V	A,B,C,D,E,F,G,H,K,L,M,P,R,S,V,15N, 30N, 45N, 15T, 30T, 45T, 15W, 30W, 45W, 15X, 30X, 45X, 15Y, 30Y, 45Y
ACCURACY	Conforms to tolerances per ASTM E18 / ISO 6508-2	
MAX SPECIMEN HEIGHT	12" (305mm) 18" (460mm)	10.6" (270mm) 16.7" (424mm)
MAX SPECIMEN DEPTH	6" (155mm)	6" (155mm)
DIMENSIONS	[CRM/CTM-12] W 8.5" (216 mm) x D 18" (457mm) x H 30.5" (775mm), Aprx. 190 Lbs (87 kgf.) [CRM/CTM 18] W 8.5" (216 mm) x D 18" (457mm) x H 37" (936mm), Aprx. 200 Lbs (90 kgf.)	
POWER SUPPLY	Single phase 120 VAC 1Ø 50/60 Hz (For 220VAC 1Ø, specify prior to ordering)	

STANDARD ACCESSORIES

HARDNESS STANDARD	HRC, HRBW	HRC, HRBW, HR30N, HR30TW
DIAMOND INDENTER	1 "C"	1 "C" & "N"
CARBIDE BALL INDENTER	1/16"	1/16"
ANVIL	2.5" (60mm) Flat, 1.5" (40mm) V-Anvil	2.5" (60mm) Flat, 1.5" (40mm) V-Anvil

Leveling Legs, Machine Cover, Accessory Box, Conversion Chart, Power Cord, User Manual.
Optional Accessories Available Upon Request.



CTM-12 Shown