



METALTEK

MetalTek Products

by CCSi

The MetalTek™ Digital models meet your needs for high performance production, QC and QA testing applications. The high grade cast iron frame, precision load transfer mechanism and quality displacement measuring system provide both repeatability and reproducibility. A comprehensive range of accessories enable the MetalTek™ to meet your specific requirements.

REPEATABILITY REDUCES VARIATION

- Superior measurement technology;
- Precision engineered.

DIGITAL DESIGN

- Microprocessor controls;
- Automatic Operation Cycle;
- Memory recall reduces operator errors.

EASY TO LEARN & USE

- Push—button digital precision;
- Easy to read digital display;
- Motorized operation;
- “Go—No—Go” User selectable limits;
- 1—2—3, Set—Start—Results!

VERSATILITY

- Constructed for production testing;
- Precision for QA/QC applications;
- 10 kgf preliminary load;
- 60, 100 & 150 kgf total loads;
- Meets ASTM E—18 & BSI 891;
- Meets ISO 3804 & 5073;
- Output to printer or computer;
- Manual updrive.

DURABILITY

- Powder coat finish;
- Precision ground bushings;
- Anti—friction linear bearings;
- High quality cast iron frame.

AFFORDABILITY

- A cost effective hardness testing solution;
- Competitive price... Advanced features;
- A wide range of affordable standard accessories;
- Service and Support by qualified technicians;
- Quick Response ... Accessible Personnel!

PROVEN PERFORMANCE!

MetalTek™ is a recognized leader in hardness testing. Researchers, design engineers, production and quality assurance specialists have appreciated MetalTek's experience in instrumentation design, standards and hardness testing for precision instruments that provide repeatable, error free testing. The defining difference is service!

WORLD CLASS SINCE 1979

MetalTek™ has maintained Rockwell hardness testing standards at the widely recognized FIE Research Institute since 1979. These are standards established and certified by various national and international standards organizations, not by proprietary unregulated manufacturer's! All MetalTek™ testers fully conform to most national and international standards, thereby assuring the user of the most truly precise instruments available!

PERFORMANCE FEATURES... COMPETITIVE PRICING

- REDUCED TESTING TIME
- LABOR SAVING FUNCTIONS
- IMPROVED ACCURACY



MICROPROCESSOR PANEL

The microprocessor panel offers many selectable functions enable the operator to set, adjust and monitor many functions throughout the test cycle.

Automatically corrects for curved surfaces as described in ASTM E140.

CONVERSION

Automatically converts many hardness scales and values as delineated in ASTM E140.



RS-232C INTERFACE

Connect individual testers to a printer or PC with the RS-232C interface.

AFFORDABLE

Technology, service, support and manufacturing techniques make MetalTek™ one of the most cost effective hardness testers available.

MetalTek™ Model RASN/E Specifications

Model:	RASN/E Digital Type "R"
Minor Load:	10 kgf
Minor Load Control:	LED Bar Indicator
Major Load:	60, 100 & 150 kgf
Dwell:	1 – 40 s (Keyboard Entry)
Display Resolution:	000.1 Digital LED
Scale Display:	A, B, C, D, E, F, G, H, K, L, M, P, R, & V
Test Scales: 	A, B, C, D, E, F, G, H, K, L, M, P, R, & V
Vertical Capacity:	230 mm (9.1 in.)
Throat Depth:	133 mm (5.24 in.)
Net Weight	73 kg (161 lb.)
Dimensions (L x W x H):	565 x 180 x 627 mm (22.2 x 7.1 x 24.7 in.)
Power:	220 VAC 50 Hz or 240 VAC 60 Hz
Conforms To:	ASTM E18 ; BSI 891; ISO 3804; ISO 5073
 Testing at Rockwell scales E, K, L, M, P, R & V is accomplished by using 1/8, 1/4 or 1/2 inch indenters in combination with 60, 100 or 150 kgf respectively. The additional penetrators and indenters are separately ordered options.	
List Price:	Please Submit a Request for Quotation (RFQ)

MetalTek™ Model RASN/E Standard Accessories

Quantity	Description
1	50 mm Ø Testing Table
1	38 mm Ø "V" Groove Stage
1	Clamping Device
1	Diamond Indenter
1	1/16" Penetrator (with 5 balls)
1	B Test Block
1	C Test Block
5	Allen Spanners
1	Wooden Accessories Box
1	Telescoping Protection Sleeve
1	Spare Main Fuse
1	Operators Manual
1	Dust Cover

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