

PTC® Analog Pencil Style Durometers: Description



PTC® has redesigned their entire line of analog pencil style durometers. The durometers feature a shorter barrel for improved grip and a more accurate precision ground mainspring.

The PTC® Analog Pencil Style Durometers are manufactured to meet or exceed current [ASTM D2240](#) specifications and designed to measure the indentation hardness of rubber, elastomers, and other rubber like substances such as neoprene, silicone, vinyl, nitrile, and butyl. They can also be used for soft plastics, felt, leather, and similar materials.



The durometer's ½ inch diameter base is the smallest base permitted by ASTM D2240 specifications. This allows it to be used in confined or hard to reach areas other durometers cannot test.

The instrument uses a dial gauge with a full 360° scale and bold, easy to read numbers. The dial scale can easily be read to ½ point accuracy. A standard maximum reading hand holds the peak reading until reset.

The dial has a 'red zone' to indicate unreliable readings. Readings in this area should not be reported for either Type A or D. The durometer should be used in a near vertical position, but will hold tolerance up to 90°.

PTC® Analog Pencil Style: Features



- Meets or Exceeds ASTM D2240;
- Small ½ inch Diameter Presser Foot;
- 360° Dial with 'Red Zones';
- Light Weight ... easy-to-use;
- Maximum Reading Hand Standard;
- Stainless Steel Coil Mainspring;
- Glass Dial Face;
- Storage Case;
- Test Block Included.

 Some Models may be converted to 'Constant Load' hand-held types with the addition of an optional attachable mass.

PTC® Analog Pencil Style: Specifications

Types:	A, B, C, D, DO, O and OO
Presser Foot:	13 mm Ø (0.5 inch Ø)
Pointer Sweep:	360°
Scale:	0 – 100, 1 Point Graduations
Accuracy:	± 1 Point
Dimensions (H x W x D):	165 x 57 x 35 mm (6.5 x 2.25 x 1.375 inch)
Finish:	Type A, O & OO: Black Anodized Type B: Purple Anodized Type C: Blue Anodized Type D & DO: Red Anodized
Weight:	199 g (7 oz.)
Standards:	ASTM D2240, ISO 7619 & ISO 868

PTC® Analog Pencil Style: Pricing & Model Information

Scale	Model
Type A	201
Type B	201B
Type C	202C
Type D	202
Type DO	202DO
Type O	2010
Type OO ¹	203
List Price:	Please Submit a RFQ
¹ OO is not equipped with max hand.	
Certificate of calibration is included.	

Copyright © 2006 CCSi, Inc. • All Rights Reserved • Published February, 2006

Corporate Consulting, Service & Instruments, Incorporated
221 Beaver Street • Akron, Ohio 44304 USA
Telephone: 800.742.8535 / 330.376.3600 • Facsimile: 800.229.9329 / 330.376.8500
• WWW.CCSI-INC.COM • WWW.ORECOZONE.NET •