

PTC® Digital Pencil Style Durometers: Description



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

The PTC® Digital 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 digital pencil style durometer combines digital readability with an indenter load cell to create an accurate, affordable and reliable digital hardness tester.

A standard electronic maximum hold button retains the peak reading until reset. The durometer's ½ inch diameter presser foot allows use in confined or hard to reach areas other durometers cannot test.

The LCD digital display features bold, easy to read numbers, which virtually eliminates parallax induced errors and saves time by indicating a specific value, with a 0.1 resolution, for each determination.

The durometer should be used in a near vertical position, but may be used at up to 90°.

PTC® Digital Pencil Style: Features



- Meets or Exceeds ASTM D2240, ISO 7619, & ISO 868;
- Small ½ inch Diameter Presser Foot;
- Large LCD Digital Display;
- 0.1 Resolution Accuracy;
- Light Weight ... easy-to-use;
- Electronic Maximum Hold;
- Load Cell Accuracy;
- Reliable Circuitry with '0' Drift;
- Multiple Data Outputs;
- Battery Powered for Portability;
- AC Adapter & Batteries Standard;
- Optional SPC or Standard Printer;
- 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® Digital Pencil Style: Specifications

Types:	A, B, C, D, DO, O
Presser Foot:	13 mm Ø (0.5 inch Ø)
Indicator:	Digital LCD
Scale:	0 – 100, 0.1 Point Graduations
Accuracy:	± 1 Point
Dimensions (H x W x D):	1525 x 57 x 38 mm (6.0 x 2.25 x 1.50 inch)
Finish:	Type A: Black Anodized Type B: Purple Anodized Type C: Blue Anodized Type D, DO: Red Anodized Type O: Dark Blue Anodized
Weight:	204 g (7.5 oz.)
Standards:	ASTM D2240, ISO 7619 & ISO 868

PTC® Digital Pencil Style: Pricing & Model Information

Scale	Model
Type A	211
Type B	211B
Type C	212C
Type D	212
Type DO	212DO
Type O	211O
List Price:	Please Submit a RFQ
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 •