

TRU-BLUE II

ALL SCALE CLOSED-LOOP



Meets
ASTM E 18 and
ISO 6508
requirements

Made in
the USA



Manufactured by United Calibration Corporation
Huntington Beach, CA 92649 www.unitedtesting.com

TRU-BLUE II SPECIFICATIONS

Vertical Capacities: 10 in. (25.4 cm), 14 in. (35.6 cm),
18 in. (45.7 cm) & 20 in. (50.8 cm).

Throat Depth: 5.5" (14 cm). **Optional 9.5" (24cm).**

- Regular Scales: A, B, C, D, E, F, G, H, K, L, M, P, R, S, and V. Forces: 10kg., 60 Kg., 100 Kg., and 150 Kg.
- Superficial Scales: 15N, 30N, 45N, 15T, 30T, 45T, 15W, 30W, 45W, 15X, 30X, 45X, 15Y, 30Y, and 45Y. Forces: 3kg., 15 Kg., 30 Kg., and 45 Kg.
- 4 ASTM E-18 dwell time settings plus NIST SRM timing.
- Plastics dwell time settings in accordance with ASTM D-785.
- **Computer Controlled digital closed-loop technology.**
Forces measured via inline load cell.
- 4x20 Bright Vacuum Fluorescent Display.
- Front panel controls with Piezo-Electric switches.
- Statistical Summary including Average, Range, Standard Deviation, High, Low and Number of Tests.
- Auto correction of hardness values for cylindrical parts.
- Built-in ASTM E-140 Conversion Charts and ASTM A-370 Tensile Strength Values (steel material only).
- Parts IN/OUT of Tolerance Settings with Adjustable Audible Alert.
- Languages: English, Spanish, French, German, Italian and Portugese.
- Connection for pc keyboard used to input parts ID data.
- RS-232 Interface and Parallel Printer ports (Dot Matrix).
- Bi-directional application of testing via elevating unit or control panel.
- Auto self diagnostic test.
- **Removable parts clamp used to secure irregularly shaped or oversize parts. Illustration at top right of page!**
- 20 bit analog to digital converters for force and depth measurements.
- Co-Axial mounting of Force and Depth transducers.
- Logical setup and operating menu from front panel keys.
- Elevating unit dust cover.
- Manual, indenter installation tool and power cord.
- **Factory Certificate for Direct Verification of Load, Depth, Hysteresis and Dwell Timing.**
- **Factory Certificate for Indirect Verification of scales: B,C,30N and 30T. Unless otherwise requested. Certification of additional scales available.**
- Manual, Indenter installation tool and Power cord.
- **2 Year Factory Warranty.**
- CE Certified.

Power required:100-240 VAC 50/60 Hz, Single Phase. 1 Amp.

Hardness testing accessories sold separate.

Model	L x D x W In. (Cm)	Weight lb. (Kg)
TB-II/10	33 x 20 x 8 (84 x 51x 20)	185 (83.9)
TB-II/14	38 x 20 x 8 (97 x 51x 20)	195 (87.7)
TB-II/18	42 x 20 x 8 (107 x 51 x 20)	205 (92.3)
TB-II/20	44 x 20 x 8 (112 x 51 x 20)	210 (94.5)

Standard Accessory



Removable clamping
device supports
oversize or odd
shaped parts!

ACCESSORIES



Test Blocks



Anvils



Printer



Indenters



Foot Switch



Floor Stands

CONTACT

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