

United Service Company Inc

Sales and Service
West Hartford, CT 06110
(860) 667-4403
www.unitedservice.us

Introducing the **Indentron**

The Indentron has a number of advantages in comparison to other hardness testers. While in many ways the Indentron is a traditional deadweight tester, the tester's design has been reengineered and refined so that it eliminates the major problem associated with the old deadweight design - changes in loads due to frictional inconsistencies. The new Indentron design is virtually free of the effects of frictional inconsistencies, so it produces an exceptionally low gauge R & R. These GR & R results are consistently at the lowest range achieved among hardness tester manufacturers.

Special Features:

- Virtually friction free operation
- Dead weights used for full load and preload
- Full load is applied precisely at preload
- Preload error monitoring
- Easy calibration requirements
- Combination units are easy to calibrate
- Special eagle nose allows access to traditionally hard to reach places
- Available as a Standard, Superficial or Twin tester
- 10" and 15" vertical capacity available
- Electronic capabilities available including averaging of 2-99 tests, round correction, minimum thickness, time at load and more
- Calibrated and ready to use



The eagle nose reaches places most Rockwell testers can't.



United Service Company Inc is an ISO-17025 certified company with well over 100 years combined experience providing service and recommending the correct machine for your needs. Our major objective is to supply to our customers the best products, advice, and on-time service possible.

Call for a no cost, no obligation quote today!

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Specifications

Models (300 Series models have standard electronics, 400 Series have advanced electronics)

	<u>Standard</u>	<u>Superficial</u>	<u>Twin</u>
10" capacity	NI300RD	NI300SRD	NI300C
15" capacity	NI300RD15	NI300SRD15	NI300C15
10" capacity	NI400RDS	NI400SRDS	NI400C
15" capacity	NI400RDS15	NI400SRDS15	NI400C15
Major Loads	60, 10, 15 kg	15, 30, 45 kg	15, 30, 45, 60, 100, 15 kg
Indenter	C Scale Diamond 1/16" Ball	N Scale Diamond 1/16" Ball	C & N Scale Diamond 1/16" Ball
Test Block	HRC, HRBw	HR30N, HR30Tw	HRC, HRBw, HR30N, HR30Tw
Scales	A, B, C, D, F, G	N, T	A, B, C, D, F, G, N, T
Requires 1/8" ball, extra	E, H, K	W	E, H, K, W
Requires 1/4" ball, extra	L, M, P	X	L, M, P, X
Requires 1/2" ball, extra	R, S, V	Y	R, S, V, Y

All models meet ASTM E-18. Accessories: 70mm flat anvil, combination spot/vee anvil, vinyl cover, wrenches, instruction manual, wall chart. Standard 10" capacity models are 32.5"H X 11.5" W X 26" D. 15" capacity models are 37.5" H X 11.5" W X 26" D. All models have a 6" throat.

We also have conversion charts, dust covers, jack stands, light sources and much much more! Give us a call today and let us help fulfill your every hardness testing need.

