

# United Service Company Inc

Sales and Service  
West Hartford, CT 06110  
(860) 667-4403  
[www.unitedservice.us](http://www.unitedservice.us)

## Introducing the **Versitron**

With the ability to complete a test in as little as two seconds, the Versitron is the fastest tester on the market. The Versitron has the capacity to amaze first time users who are acquainted with the limitations of other Rockwell scale testers. Most experienced testing personnel are quite familiar with tedious requirements like using jack rests on large parts, constantly cleaning testers and test parts, slow test cycles and cutting parts so they can be tested.

The Versitron changes all of that. Cleaning is never required. Frequent cleaning of test parts is eliminated. Tests are performed in as little as two seconds even on manually activated machines. Large specimens can be clamped in seconds prior to applying the load without supports or tools and without affecting test results. Small tapers can easily be accommodated with standard components.

Large and small companies all over the world now find they can get fast, accurate, and repeatable test results even in bad operating conditions using relatively unskilled operators without significant service requirements.

### Special Features:

- **Unaffected by Dirt** - The Versitron test results are not sensitive to dirt, surface contamination, oil, etc.
- **Quick & Easy** - The Versitron has the fastest test cycle of any tester, as fast as two seconds even on a manual tester.
- **Test Tapered Parts** - Reduce your test sample preparation time. A range of flat and round tapers can be tested using Newage flattened ball and vee ball anvils together with the clamping feature.
- **Protected Diamonds** - The removable clamping shield protects the diamond indenter from being struck by the test specimen during handling, because the indenter is recess by 1/32"
- **Test Surface Referencing** - Immediately surrounding the indenter is an indenter shroud. The purpose of the shroud is to sense the position of the indenter relative to the test surface when the preload has been applied. Should the test specimen deflect under major load, the shroud travels with the test surface to compensate by maintaining that precise reference position with the test surface, so the test results will remain accurate.
- **Conforms to E-18**

**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.**



Heavy specimens exerting up to 240 foot pounds can be clamped in seconds. Above is an 80 pound spindle. Test results are unaffected since the stand, not the test head, bears the

**Call for a no cost, no obligation quote today!**

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Item	Advanced Digital			Basic Digital		
	AT130-RDS	AT130-SRDRS	AT-130-2DS	AT130-RDB	AT130-SRDB	AT130-2DB
Adjustable high/low tolerance	✓	✓	✓	✓	✓	✓
Time at load settings from 0-99 seconds	✓	✓	✓	✓	✓	✓
Display average and standard deviation	✓	✓	✓	✓	✓	✓
Printout of test results, histogram, and total statistics (when connected to a printer)	✓	✓	✓	✓	✓	✓
16 character alpha numeric display	✓	✓	✓	X	X	X
Nine function keys and numeric keypad	✓	✓	✓	X	X	X
Automatic hardness scale conversion	✓	✓	✓	X	X	X
Minimum thickness calculation	✓	✓	✓	X	X	X
Programmable lot number for printouts	✓	✓	✓	X	X	X
Automatic averaging every "N" tests	✓	✓	✓	X	X	X
2400 memory capacity	✓	✓	✓	✓	✓	✓
Load lock	✓	✓	✓	X	X	X
RS-232 Output	✓	✓	✓	✓	✓	✓
Optional and Custom programming	✓	✓	✓	X	X	X

Test Stand	Vertical Capacity	Horizontal Capacity	Dimensions
AT130-N	8.5"	8.5"	8" x 20"
AT130-T	Up to 16", 28" or 36"	8.5"	9" x 22"
AT130-CAR	39"	12"	10" x 38"
AT130-MUR	33" vertical travel of test head, unlimited vertical capacity (wall mounted)	12"	9" x 23"

Note: AT130-RDS & AT130-RDB test using 150, 100 and 60 kgf (Regular Scales). AT130-SRDS & AT130-SRDB test using 45, 30, and 15 kgf (Superficial Scales). AT130-2DS & AT130-2DB include both Regular and Superficial load units with one display unit.