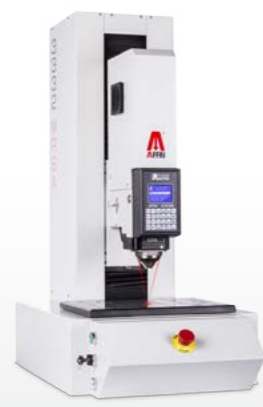




DAKOMASTER 300

Rockwell, Superficial Rockwell & Brinell
Motorized and fully automatic
Touch screen remote control
Large base for small or bulky samples



3302 MRSA

Rockwell, Superficial Rockwell & Brinell
Motorized and fully automatic
Large stable base 330 x 390 mm /
13.0 x 15.3" for small or bulky samples



3332 MRS

Rockwell, Superficial Rockwell & Brinell
Motorized and semi-automatic
Large stable base 330 x 390 mm /
13.0 x 15.3" for small or bulky samples



250 MRS

Rockwell, Superficial Rockwell & Brinell
Motorized and fully automatic
For medium size sample



903 RSD/RS-SD

Rockwell & Brinell or Superficial Rockwell
Manual action and automatic measure
Height capacity of 700mm (27,5") or more
Optional base for ring shape samples



330 RSD/RS-SD

Rockwell & Brinell or Superficial Rockwell
Manual action and automatic measure
Large base 330 x 390mm (13.0 x 15.3")
For small or bulky samples



206 RSD/RS-SD

Rockwell & Brinell or Superficial Rockwell
Manual action and automatic measure
For medium size samples



RS-MAG

Portable tester for Rockwell & Brinell
ASTM E18 - E10, ISO 6508 - 6506
Magnetic clamping base
No limit of sample's size and shape



PRS

Rockwell, Superficial Rockwell & Brinell
High speed Automatic cycle
Pneumatic action for in-line production tests
Large base for very small or bulky samples

AFFRI® A UNIQUE HARDNESS TESTING SYSTEM

ALL OPERATIONS ARE MANAGED BY A SINGLE DRIVE INCLUDING AUTOMATIC CONTACT WITH THE TEST PIECE
Fully motorized and automatic, the test is not affected by operator influences and can easily be used by operator of every level



1 - Push the start button



2 - The head moves down to take contact with the test surface from long distance and automatically starts the hardness test cycle in automatic succession without breaching a phase



3 - The entire test cycle is complete and the results appear on a large display

THE FIRST RESULT IS CORRECT AND ABSOLUTE

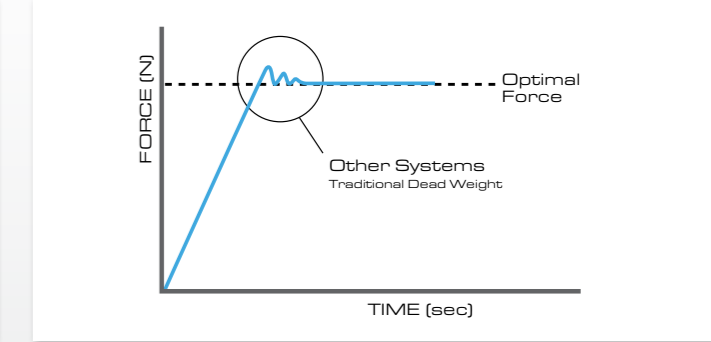
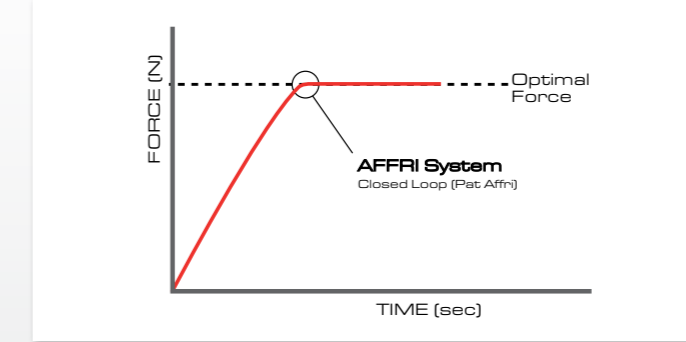
ABSOLUTE ACCURACY IS ASSURED EVEN IN CASE OF STRUCTURAL DEFLECTION
The constant clamping surface assures the right measurement with no need to repeat the test



When testing unstable samples or defective parts, the AFFRI System will follow the sample and not lose contact with its 50 mm / 2" stroke. Accurate measurements, even on the first test, eliminate the need for multiple repeated tests. The R & R. data is at the top of its class and not surpassed by any other competitor under the same test conditions.

LOAD CELL AND CLOSED LOOP TECHNOLOGY

THE FORCE BY LOAD CELL AND THE CLOSED LOOP AFFRI SYSTEM ASSURES ABSOLUTE ACCURACY AT ALL TEST CONDITIONS WITHOUT ANY EQUAL IN THE WORLD.



The exclusive Affri latest generation of Closed Loop load cells control load forces, which are automatically programmed and controlled at each test assuring perfect linearity in every range eliminating the problems associated with dead weight systems on traditional testers. Results are not affected by any structural deflection, misalignment or vibration. The system can also operate in an inclined position.

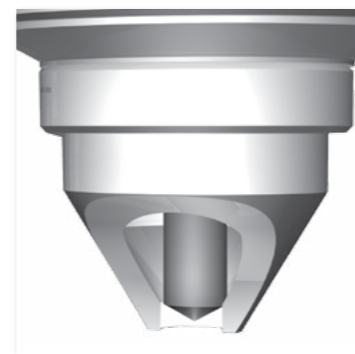


THE EXCLUSIVE AFFRI® CLAMPING SYSTEM

Secure contact with the specimen is always maintained, even in the unlikely event of any specimen movement during the operation cycle.

The clamping system assures perfect stability of any test piece throughout the test cycle. No additional accessories are required, as per old traditional hardness testers. The result is a reduction in costs!

The top surface referencing design minimizes errors caused by anvil problems associated with dirt or scale. This reduces sample preparation time and increase both accuracy and speed.



INDENTER

The exclusive Affri diamond indenter has a life-span longer than any other indenter on the market. The indenter retracts and moves down just after the test piece is clamped thereby minimizing the risk to accidental shock.



ABSOLUTE BASE

A wide and stable work holder plate to support masses beyond 2000 kg / 4409.2 lb eliminate the anvil instability problems and eliminate maintenance and adjustment. For large or very irregular test pieces which cannot be easily received by the regular bench hardness tester.

AFFRI, THE PERFECT SYSTEM FOR YOUR PRODUCTION DEPARTMENT AND THE BEST REFERENCE FOR YOUR LABORATORY

Choose from many available models. Height and sizes can be customized.

CERTIFICATION

AFFRI® System are supplied with certificates traceable to the latest edition of ASTM-ISO.

CONTACT US FOR A DEMONSTRATION OR AN IMMEDIATE QUOTATION:

Email: info@affri.com
Web: www.affri.com