

AT300 D-TM Motorized automatic hardness testers

AT300 DR-TM is a motorized hardness tester, particularly suitable for high volume testing (approx 1000 pcs/hour), custom in line applications for a completely automatic test process and test part selection.

The possibility to motorize also the test head motion permits a considerable reducing of the test time.

A very versatile stand permits testing of large parts.

The basement of the stand contains a convenient accessory drawer.

Features

Working principle	Rockwell
TEST HEAD DR (standard Rockwell loads)	
Test load	Rockwell 588, 980, 1471N (60, 100, 150Kp) Brinell 612, 1226, 1839N (62.5, 125, 187.5Kp)
Preload	98N (10 Kp)
Incorporated scales	Rockwell HRA, HRB, HRC, HRD, HRF, HRG Brinell HB30, HB10, HB5 Kp/mm ² , N/mm ² ; other scales on request
TEST HEAD DSR (superficial Rockwell loads)	
Test load	Rockwell 147, 294, 441N (15, 30, 45Kp) Brinell 98, 153, 306N (10, 15.6, 31.2Kp)
Preload	29.4N (3 Kp)
Incorporated scales	Rockwell HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HR15W, HR30W, HR45W; Brinell HB5, HB10 other scales on request
Penetrator	Rockwell diamond indenter 1/16" Rockwell penetrator 2,5mm ball penetrator (for standard Rockwell only)
Penetrator stroke	2mm
Reading	on LCD backlit display 107x57mm
Selectable functions	scale selection, adjustable tolerances, statistics, print, calibration, minimum measurable thickness, round correction, graph
Output	RS232C and CENTRONICS
Power supply	single phase, 230 VAC-50 Hz

 <p style="text-align: center;">AT300 DR-TM</p>	 <p style="text-align: center;">Accessory drawer</p>
<p>Vertical capacity of the stand (standard execution)</p>	<p>420mm (removing the elevating screw) 220mm depth</p>
<p>A special execution of AT300 is suitable for effective case depth or hardenability of steel (Jominty testing). See Applications.</p>	
<p>AT300 DR-TM is delivered with the following accessories:</p>	<ul style="list-style-type: none"> - 1 diamond indenter - 1 1/16" ball penetrator - 1 2.5mm ball penetrator - 1 Rockwell test block - 1 Brinell test block - 1 flat anvil 60mm diameter - 1 spot anvil 8mm diameter - 1 large V-anvil - 1 small V-anvil - spare balls
<p>Optional accessories:</p>	<ul style="list-style-type: none"> - flat anvil 200mm diameter - V-anvil for rounds 200mm diameter max. - 1/8", 1/4", 1/2" Rockwell penetrators - 5mm Brinell penetrator - gooseneck adapter for testing inside surfaces - extra hardness scale - printer - printer cable - software for data processing on PC

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