

# Rockwell Hardness Tester



**AMT5** :Manual weight selection an Manual zero adjustment of Dial gauge.

**AMT5A**:Manual weight selection with Automatic zero setting dial Gauge.

**AMT 5B**:Automatic weight selection with automatic zero setting Dial gauge.

**AMT 5C** :Arrangement similar toAMT 5B with one additional weight of 187.5kg for Brinell tests.

**AMT 5D** :Arrangement similar toAMT 5B with two additional weight of 187.5 kg and 250 kg for Brinell tests on this machine small pin having dia 2mm can be tested as plunger is guided with a set of six bearings.

**AMT 5E**:Rockwell Superficial Hardness Tester with automatic zero setting dial gauge, manual load selection. The major load are N scale besides all fifteen Rockwell Superficial scales. Can be used with this tester .

**AMT 5F**:This model is double purpose Hardness Tester suitable for Both Rockwell & Rockwell Superficial hardness test.The Major load of 15,30,45,60,100,and 150 kg are applied.

## Standard Accessories

Model	AMT5	AMT5C	AMT5D	AMT5E	AMT5F
	5A,5B				
Testing Table 50mm Ø	1Pc	1Pc	1 Pc	1 Pc	1Pc
Testing Table 40mm Ø					
with 'V' groove for					
round jobs 6 to 45 mm Ø	1Pc	1Pc	1Pc	1Pc	1Pc
Diamond indenter 120°	1Pc	1Pc	1Pc	1Pc	1Pc
Stell ball indenter 1/16"	1Pc	1Pc	1Pc	1Pc	1Pc
Test block Rockwell'c	1Pc	1Pc	1Pc	NIL	1Pc
Test block Rockwell 'B'	1Pc	1Pc	1Pc	NIL	1Pc
Tet block Rockwell Superficial N	NIL	NIL	NIL	1Pc	1Pc
Allien Spanners	2 Pca	2 Pcs	2 Pcs	2 Pcs	2 Pcs
Clamping device	1Pc	1Pc	1Pc	1Pc	1Pc
Dash pot oil	1 bottle	1 bottle	1 bottle	1 bottle	1 bottle
Instructional Mannual	1 book	1 book	1 book	1 book	1 book
Brinell Microscope	NIL	1 Pc	1 Pc	NIL	NIL
Stell Ball Indentor 2.5mm	NIL	1 Pc	1 Pc	NIL	NIL
Stell Ball Indentor 5 mm	NIL	1 Pc	1 Pc	NIL	NIL
Test Block HB-2.5/187.5	NIL	1 Pc	1 Pc	NIL	NL



## Technical Specification

MODEL	AMT, 5A-5B	AMT 5C	AMT5D	AMT 5E	AMT 5F
Max load (kgf)	150	187.5	250	45	150
Load range (kgf)	60,100,150	60,100,150 187.5	60,100,150 187.5,250	15,30,45	15, 30, 45 60,100,150
Initial Load range (kgf)	10	10	10	-	3, 10
Max. test height (mm)	216	216	290	-	290
Depth of throat (mm)	133	133	148	148	148
Size of base (mm)	171x445	171x445	210x510	210x510	210x510
Machine height (mm)	635	635	845	845	845
Nett. weight(Approx). kg.	77	77	137	137	137
Test Performed	Rockwell	Rockwell & Brinell	Rockwell & Brinell	Superficial	Rockwell & Superficial



µp also available

Due to constant R & D, specification and features are subject to change without notice.