

MEASURING INSTRUMENTS

ARK-600



Rockwell Type Hardness Testing Machine **ARK-600**

STANDARD ACCESSORIES

- Diamond indenter.
- 1/16" dia. steel ball indenter.
- 1/16" dia. spare steel ball (12 pcs.).
- Flat anvil diameter: 2.52" (64mm).
- Hardness test block (30 to 35HRC).
- Hardness test block (60 to 65HRC).
- Hardness test block (90 to 95HRB).
- Machine cover.
- Power cable.
- User's manual.

Specifications

Model	ARK-600	ARK-601
Order No.	810-218A	810-220A
Preliminary test force	98.07N (10kgf)	
Test force	588.4N (60kgf), 980.7N (100kgf), 1471N (150kgf)	
Table up/down drive	Manual (with Loading Navigator)	
Load control	Automatic (loading, duration, unloading)	
Load duration	Automatic (3s to 5.5s) or manual	
Display	LED (4-digit)	
Hardness increment	0.1 (for each scale)	
Specimen		
Maximum height	5.51" (140mm) on Flat Anvil 5.91" (150mm)* on Round Table	12.60" (320mm) on Flat Anvil 13.00" (330mm)* on Round Table
Maximum depth	4.8" (122mm) from center of indenter shaft	
Output	RS-232C, SPC	
Power supply	120V AC (±10%), 60Hz	
Power consumption	30VA	
Dimensions (W x D x H)	8.27 x 19.13 x 26.77" (210 x 486 x 680mm)	8.27 x 19.13 x 33.86" (210 x 486 x 860mm)
Mass	88 lbs. (40kg)	99 lbs. (45kg)

* Minimum height: .39" (10mm)

ATK-600



Rockwell/Rockwell Superficial Type Hardness Testing Machine **ATK-600**

STANDARD ACCESSORIES

- Diamond indenter.
- 1/16" dia. steel ball indenter.
- 1/16" dia. spare steel ball (12 pcs.).
- Flat anvil diameter: 2.52" (64mm).
- Hardness test block (30 to 35HRC), (60 to 65HRC), (90 to 95HRB), (64 to 96HR30N), (74 to 79HR30T).
- Machine cover.
- Power cable.
- User's manual.
- Level

Specifications

Model	ATK-600	ATK-601
Order No.	810-257A	810-258A
Preliminary test force	98.07N (10kgf), 29.42 (3kgf)	
Test force	588.4N (60kgf), 980.7N (100kgf), 1471N (150kgf), 147.1N(15kgf), 294.2N(30kgf), 588.4N(45kgf)	
Table up/down drive	Manual (with Loading Navigator)	
Load control	Automatic (loading, duration, unloading)	
Load duration	Automatic (3s to 5.5s) or manual	
Display	LED (4-digit)	
Hardness increment	0.1 (for Rockwell each scale), 0.2 Rockwell Superficial (for each scale)	
Specimen		
Maximum height	5.51" (140mm) on Flat Anvil 5.91" (150mm)* on Round Table	11.02" (280mm) on Flat Anvil 11.42" (290mm)* on Round Table
Maximum depth	4.8" (122mm) from center of indenter shaft	
Output	RS-232C, SPC	
Power supply	120V AC (±10%), 60Hz	
Power consumption	30VA	
Dimensions (WxDxH)	8.27 x 19.13 x 28.35" (210 x 486 x 720mm)	8.27 x 19.13 x 33.86" (210 x 486 x 860mm)
Mass	93 lbs. (42kg)	99 lbs. (47kg)

* Minimum height: .39" (10mm)