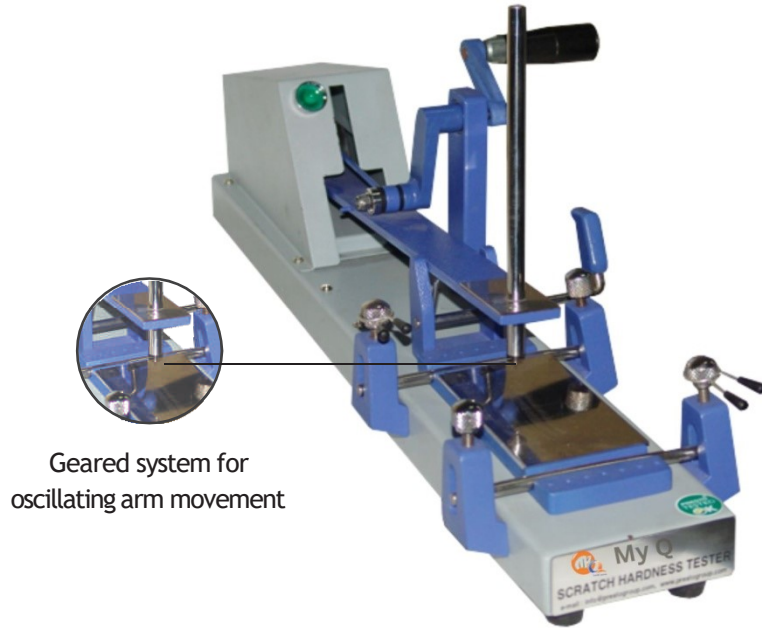


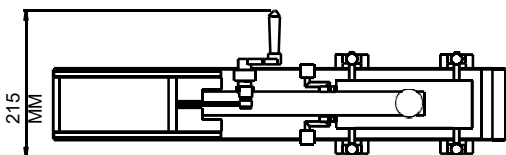
## Scratch Hardness Tester - Hand Operated



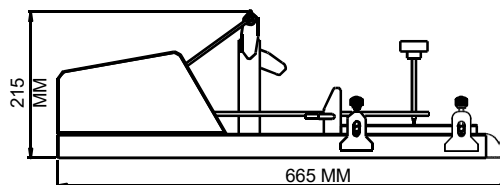
### Model No. MYQ-SHT-I18

**Scratch Hardness Tester** is a unique test instrument to determine the resistance to scratch under a specified load. Tests are conducted either on a go/no go basis by testing at a single specified load on the Diamond Stylus tip or by increasing loads to determine the minimum load at which the coating is penetrated. MY Q Scratch Hardness Tester is designed as per standard ASTM G171-03.

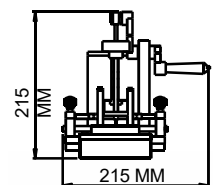
- Hand operated oscillating arm with Teflon rollers for noise free movement
- Highly accurate test results under uniform load and specified diameter.
- Equipped with Teflon rollers to minimize friction
- Uniform load by weights on Diamond Stylus tip for evenness in testing
- Firm holding of Test sample by Steel Clamping pins
- Cam system for oscillating arm movement
- Instant braking system
- Light Indicator for sample failure notification



Top View



Side View



Front View



## MY Q Engineering Pvt. Ltd.

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### Key Specifications:

Size of sample	130x70 mm
Stylus Angle	120 <sup>0</sup> ±5 <sup>0</sup>
Load on Stylus	1 Kg, 500gm, 300gm, 200gm
Length of travel of Stylus	100 ±8 mm
Power	220V, 50Hz, Single Phase
Stylus Hemispherical	200 Micron (±10 micron)
Stylus Material	Diamond

### Highlights:

Material	Mild Steel(Outer Body)
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome / zincplating for corrosion resistant finish
Diamond Stylus tip	1 Yes
Dimensions	665x215x215mm

\* Scratch width measurement system (magnifier) not in our scope of supply.

### Optional Accessory:

- Scratch Hardness Tester Motorised also available.
- Diamond Stylus tip extra also available on request.

### OUR OTHER PRODUCTS :-



[www.myqinstruments.com](http://www.myqinstruments.com)

