



# MEK RUB TEST MACHINE

ASTM  
D7835  
DESIGNATION

The MEK Rub Test machine has been developed to combat the problem of inconsistent test results between operators. This semi automated machine gives the line operator and quality control personnel the ability to duplicate results from the laboratory to the production line every time. The front panel mounted controls make it simple for the user to program the required number strokes to run for a specified test, then simply lower the head, close the cover, and press the start button, the machine will do the rest. This frees the operator to perform other QC test while the machine performs the rub test consistently and reliably with the added benefit of greatly reducing operator contact with and exposure to the solvents being used for the rub test procedure. Once the cycle counter reaches the preset number of strokes the unit will shut off the solvent flow and return to the start position ending the test. The operator can return at any time to check the results of the Rub Test. The quick change solvent pad system means that preparing for the next test procedure is quick and efficient.

## ➔ Features and Benefits

- ✓ Easy to setup, simple to operate
- ✓ Repeatable consistent results, constant pressure dead weight rubbing block
- ✓ Front panel mounted controls
- ✓ Minimal solvent usage, adjustable solvent flow metering valve
- ✓ 425cc solvent reservoir with auto shutoff control
- ✓ Quick Change solvent pad system
- ✓ Controlled Stroke count, counter can be set from 1 to 9999 strokes
- ✓ CE Certified
- ✓ Intrinsically safe – no electrics, all pneumatic operation.
- ✓ Minimised operator contact with and exposure to Solvent



## → Specifications

<b>Weight of machine</b>	28.3 kg (62.5 lbs)
<b>MEK reservoir capacity</b>	425 cc.
<b>Mass of Rubbing Block</b>	3kg (6.8 lbs)
<b>Stroke Length</b>	203mm (8")
<b>Number of strokes/min (Double Rub)</b>	70
<b>Operational air pressure</b>	550 KPa (80 psi)
<b>Max air supply pressure</b>	965 KPa (140 psi)
<b>Air consumption @ operational pressure</b>	2.35 SCFM @ 550 KPa (80 psi)
<b>Minimum Flexible air line supply size</b>	¼" I.D.
<b>Air inlet connection at filter</b>	¼ NPT
<b>Cotton Pad size</b>	1½ x 1¾, 2 ply
<b>Counter min/max number of strokes</b>	1-9999
<b>Air supply</b>	550 kpa (80 psi) Clean and dry (non condensing)
<b>Dimensions (Width Depth Height)</b>	457x483x483mm (18"x19"x19")
<b>Test panel size</b>	127mm x 305mm (5" x 12")
<b>Electrical Requirements</b>	None (all pneumatic system)
<b>Panel thickness max**</b>	3.2 mm (1/8") **thicker panels can be run with a simple adjustment.

## → Optional Accessories

### Variable Stroke Kit

This add on kit allows for the use of non standard size panels. Panels ranging in length from 85mm (3.5") to 305mm (12")

### Data Collection Kit

The MEK Genie software provides a means of interfacing the MEK Rub Test Machine to a PC for the purpose of collecting and databasing the test results.



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