



MEK RUB TEST MACHINE

The MEK Rub Test machine has been developed to combat the problem of inconsistent test results between operators. This semi-automated machine allows the line operator and quality control personnel 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 lower the head, close the cover, and press the start button, and the machine will do the rest.

This frees the operator to perform other QC tests while the machine performs the rub test consistently and reliably, with the added benefit of greatly reducing operator contact and exposure to the solvents 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 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: the counter can be set from 1 to 99999 strokes
- ✓ CE Certified
- ✓ Intrinsically safe – no electrics, all pneumatic operation.
- ✓ Minimized operator contact with and exposure to Solvent
- ✓ Optional dual solvent reservoir.



MACHINE SPECIFICATIONS

WEIGHT OF MACHINE	28.3 kg (62.5 lbs)
MEK RESERVOIR CAPACITY	425 cc.
MASS OF RUBBING BLOCK	ASTM Standard 3kg / EU Standards 1000g
STROKE LENGTH	203mm (8")
NUMBER OF STROKES/MIN (DOUBLE RUB)	70
OPERATIONAL AIR PRESSURE	550 KPa (80 psi)
MAX AIR SUPPLY PRESSURE	965 KPa (140 psi)
AIR CONSUMPTION @ OPERATIONAL PRESSURE	66.54 L/min @ 550 KPa (80 psi)
MINIMUM FLEXIBLE AIR LINE SUPPLY SIZE	1/4" I.D.
AIR INLET CONNECTION AT FILTER	1/4 NPT
COTTON PAD SIZE	1 1/2 x 1 3/4, 2 ply
COUNTER MIN/MAX NUMBER OF STROKES	1-99999
AIR SUPPLY	550 kpa (80 psi) clean and dry (non-condensing)
DIMENSIONS (WIDTH DEPTH HEIGHT)	457x483x483mm (18"x19"x19")
TEST PANEL SIZE	127mm x 305mm (5" x 12")
ELECTRICAL REQUIREMENTS	None (all pneumatic system)
PANEL THICKNESS MAX**	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 nonstandard-size panels. Panels ranging in length from 85mm (3.5") to 305mm (12").

Variable Weight Head

The variable weight head allows you to change the mass of the head from 1000g to 3000g in 50g increments, thus allowing for testing to either the ASTM or EU standards without having to change the head block.

Optional Dual Reservoir

The dual reservoir is an option to have two independent solvents for the rub test procedure which are loaded and ready to be used with no need to drain.



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