

MFFT



TQC

Minimum Film Forming Tester

The MFFT Test is a sophisticated test instrument with a ground hard-chrome plated metal platen as to deposit the specimen. By heating and cooling the platen any variable temperature gradient within the range of -30 to +250 °C can be produced and kept constant for any given period. The platen is equipped with 10 or 20 evenly spread temperature sensors. The temperature is controlled through an integrated digital controller with a digital display and measuring-point selector that covers the whole range. To define the MFFT the specimen is applied on the platen with a film-applicator and protected from ambient conditions through a transparent cover in which a flow of dried air is created to prevent condensation and to assure repeatability. To determine the blocking power the specimens on the platen are weighed by defined loads to simulate the stacking capability.

Specifications

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Specimen	500 x 18mm (LxW)
Dimensions	800 x 350 x 320 mm (LxWxH)
Weight	50 kg
Power Supply	230 V, 50Hz, 1.5 kW
Accuracy	0.1°C



MFFT

- Temperature gradient plate for determining minimum film forming temperature test.
- Electronic temperature controller with digital temperature display, temperature preselecting and overshoot protection.
- Display of nominal value and actual value of the temperature of hot and cold side.
- Scroll function to request the temperature measuring stations.
- Manual selection of the single temperature measuring stations.
- Integrated membrane drying unit flow meter.