

Minimum Film-Forming Temperature (MFFT) Tester



The minimum film forming temperature of a paint or coating is the lowest temperature at which it will uniformly coalesce when laid on a substrate as a thin film. The standard test for determining this temperature involves using an MFFT, as specified by such standards as ASTM D 2354 and ISO 2115.

At temperatures at and above MFFT of the polymer, a smooth film is formed.
At temperatures below the MFFT of the polymer, a continuous film is not formed as polymer cannot coalesce, leading to a white powdery film with cracks.

Knowing the MFFT allows formulators to create a product that cures correctly under the required application conditions.

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Key Features

- Compact -easy to use and maintain
- Colour touch screen menu operation system
- High precision digital temperature sensor,
- Supplied as standard with a chiller, Optional Dry Air Generator also available (Product Code T01-700605)
- Removable scale
- Copper Platen
- Comes with cube applicator



Chiller Unit

Product Code	T01-700604
Temperature Range	-10°C~+60°C
Platen Size	447mm×210mm
Tester Size	528mm (L) ×430mm (W) × 184mm (H)
Chiller Unit Size	460mm (L) ×200mm (W) × 160mm (H)