

Standard Line Drying Time Recorder



Versatile drying time recorder to help quantify the various stages of film curing and drying and deliver reproducible results.

This apparatus is designed to test the drying time or gelation behaviour of many paints and coatings, applied onto a glass strip of 330mm×24mm by means of our cube applicator (T01 - 700036/37). Hemispherical needles travel on these test tracks, over a selected time: 6h, 12h, 24h and 48h.

The drying time stages can be easily assessed with the graduation scale (according to traverse speed configuration). The total time for every test can be observed from the LCD screen.

1. Evaporation of solvent: deep pear-shaped impression
2. Sol-gel transition: continuous track
3. Surface dry: interrupted track
4. Final dry time: the needle no longer penetrates the film

Accessories available, please see next page

Key Features

Simultaneous testing of 6 samples

Four different speeds: 6-12-24-48 hrs - for any application

Styli Diameter (with rounded tip) : $2\text{mm}\pm 0.05\text{mm}$ (6 pcs)

Supplied with 6 pcs stainless steel weights for recording through drying Standards:

ASTM D 5895-03 and ISO 9117-4

Product Code: T01-700601

Accessories

25mm cube applicator - film width 12.7mm - 37.5 & 75 μm Gap Sizes

Product Code: T01-700036



25mm cube applicator - film width 12.7mm

75 & 150 μm Gap Sizes Product Code: T01-700037

Glass strips (pack of 60) Product Code: T01-700602