

Drying Time Recorder

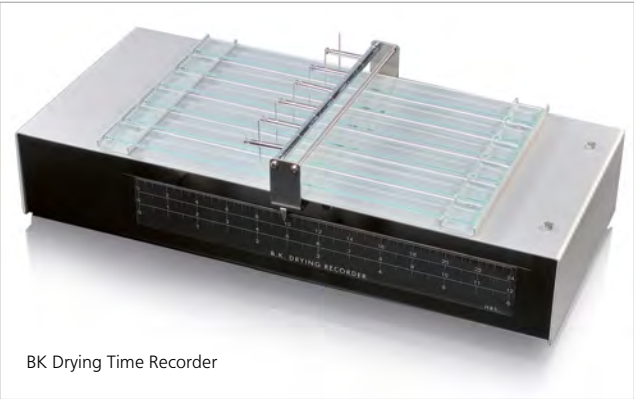
The various stages of drying and curing that occur in films are easy to detect, but difficult to define in terms of chemical and physical principles. In order to evaluate them objectively it is necessary to use instrumentation under controlled conditions.

BYK-Gardner offers the versatile Drying Time Recorder to quantify the various stages of film curing and drying. It delivers reproducible results, and guarantees highest efficiency:

- Simultaneous testing of 6 samples - saves time
- Three different speeds: 6-12-24 hrs - for any application
- Alternative speeds available upon request

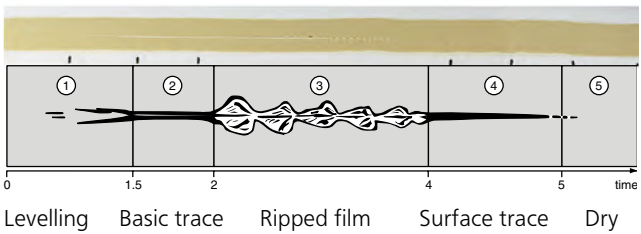
Procedure

- Coat the glass strip using the film applicator and holder (order separately below)
- The drying of the paint starts here. If you prepare multiple panels at different times note the time when the draw down was made and add it to the time the sample is in the recorder
- Place needles on the sample strip and select the speed by adjusting the speed switch
- Turn the recorder on – the unit will automatically switch off at the end of the test
- Evaluate the results (see figure at right)



BK Drying Time Recorder

Typical Test Result



Standards

ASTM	D 5895
ISO	9117-4
DIN EN	14022



Ordering Information

Cat. No.	Description
2711	Drying Time Recorder 115V
2710	Drying Time Recorder 230V

Comes complete with:

Drying Time Recorder
6 Glass panels, 6 Needles 1mm (2735),
6 Needles 2mm (2737)

Note: The Drying Time Recorder can only be used at room temperature

Technical Specifications

Power Supply	Dimensions	Shipping Weight
115 VAC/60 Hz	49 x 25 x 11 cm (19.3 x 9.8 x 4.3 in)	4.7 kg (10.4 lbs)
230 VAC/50 Hz	49 x 25 x 11 cm (19.3 x 9.8 x 4.3 in)	4.7 kg (10.4 lbs)



Ordering Information

Cat. No.	Description
2735	Needle Set 1 mm
2737	Needle Set 2 mm
2730	Glass Panel Set
2720	Glass Panel Holder
2723	Film Applicator, 12 mm
2736	Weight Set

Accessories

Description
Set of 12; 1 mm diameter with rounded tip
Set of 6; 2 mm diameter with rounded tip
Set of 12
For coating glass panels. Use 2723; dimensions 36 x 4 x 2 cm (14 x 1.6 x 0.8 in)
Stainless steel, 2 gap clearances (38 and 76 µm), gap width 12 mm
Set of 6; 5 grams per weight

