

Drying Time Recorder



BEVS 1813S



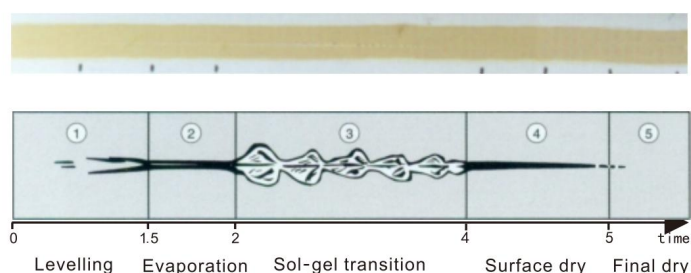
BEVS 1813



BEVS 1815

■ Brief Introduction

BEVS Drying Time Recorder is used for the test of drying time or gel behavior of a variety of paints and coatings. It has the characteristics of intuition and good reproducibility, and can accurately evaluate in all stages. The initiative design of touch screen control, customized user-defined start time and test time, make the operation more intuitive, simple.



■ Features

Model	BEVS 1815	BEVS 1813	BEVS 1813S
Drying Time	① 6, 12, 24, or 48 hours, selectable. ② Custom Track (Track 1): Besides standard time, users can customize the start and test times. ③ Mid-Test Reset: During the test, users can interrupt a track test as needed.	① 1 minute to 240 hours, start and test times can be set independently for each of the three control modules. ② Mid-test Reset: During the test, user can interrupt a track test as needed.	1min to 240h
Drawdown function	No	① Can be used with glass strip and a BEVS1805/1 cube applicator for drawdown. ② After drawdown, reset the instrument and start drying time test.	No
Reset function	Manually reset	Auto reset	Auto reset
Result judging	Via time scale	Directly display the measurement time at specified positions	Directly display the measurement time at specified positions
Vision system	No	Can be used with the BEVS1813-P01 vision system to automatically record and identify each track (optional)	Can be used with the BEVS1813-P01 vision system to automatically record and identify each track (optional)

■ Technical Parameters

Model	BEVS 1815	BEVS 1813	BEVS 1813S
Track	10 (5 pairs)	6 (3 pairs)	6 (3 pairs)
Driver	5 Motors	3 Motors	3 Motors
Stroke	300mm	300mm	300mm
Stylus	2mm/1mm	2mm/1mm	2mm/1mm
Drying	6, 12, 24, or 48 hours, selectable	1min to 24h	1min to 240h
Glass strip	302x25 x3mm	Wide: 365 x 60 x 3mm Narrow: 365 x 25 x 3mm	302x25x3mm
Standards	ASTM D5895, ISO9117-4	ASTM D5895, ISO9117-4	ASTM D5895
Dimension	550x530x200mm	558x368x185mm	560x400x200mm
Power	220V/50Hz	220V/50Hz	220V/50Hz

■ Standards

ASTM D5895	Standard Test Methods For Evaluating Drying or Curing During Film Formation of Organic Coatings Using Mechanical Recorders
ISO 9117-4	Paints and varnishes — Drying tests Part 4: Test using a mechanical recorder

■ Ordering Info

BEVS 1815	Drying Time Recorder (10 tracks, including BEVS 1805/1 Cube Applicator)
BEVS 1813	Drying Time Recorder (6 tracks, including BEVS 1805/1 Cube Applicator)
BEVS 1813S	Drying Time Recorder (6 tracks)
BEVS 1805/1	Cube Applicator, Width: 16mm, Gap: 37, 75μm
BEVS 1815/P/001	Stylus, total length 50 mm, needle tip diameter: 2mm
BEVS 1815/P/002	Ball head stylus, total length 49 mm, ball diameter: 4.76 mm
BEVS 1815/P/007	Glass Strip, 302 x 25 x 3mm, 100pcs/pack
BEVS 1815/P/003	Glass Strip Holder, Stainless Steel
BEVS 1815/P/004	5g Weight, 10 pcs/pack
BEVS 1815/P/009	10g Weight, 10pcs/pack
BEVS 1813/P/030	Wide Glass Strip, 365 x 60 x 3mm, 100pcs/pack
BEVS 1813/P/040	Narrow Glass Strip, 365 x 25 x 3mm, 100pcs/pack