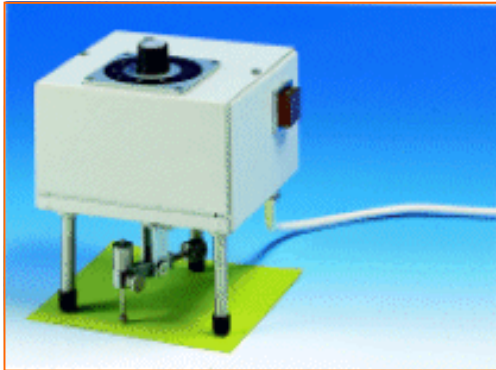


# Elcometer 5500 Circular Ball Type Drying Time Recorder



Elcometer 5500 Circular Ball Type Drying Time

## Elcometer 5500 Circular Ball Type Drying Time Recorder

This simple device uses the principle of distance = speed x time to determine the drying time of a coating.

A rod with a ball tip is brought into contact with a test piece of fresh paint under a load of 12g (0.42oz) and traces a circumference of 50mm (1.96”).

The drying time is evaluated from the condition of the trace, and measured with a template with time markings.

### At a glance

- Simple and easy to use.
- Five versions available with different revolution speeds.

## Drying Time

When developing a process, it is often important to know the exact time it takes for the coating to dry or cure.

There are many stages to the coating drying time. Once a coating has been applied, the first stage is that the coating levels off under gravity. Once a coating begins to cure, a thin dry film appears on the surface. The coating then continues to dry and finally after a period of time, the coating is totally cured.

But how do you know when a coating is totally dry?

Using the Elcometer Drying Time Recorder, the operator can easily identify each of the stages of the drying process.

A ball tip is placed into the coating and, using the mathematical formula : Distance = Speed x Time; the Elcometer Drying Time Recorder begins to move this ball at a predefined speed. As the coating dries, the trace left in the coating by the ball identifies each stage of the cure.

Model	Description	Number of Speeds	Speed	Part Number		
				UK 240V	EUR 220V	US 110V
Elcometer 5500/1	Elcometer 5500 Circular Ball-Drying Time Recorder	1	1 revolution every 1 hour	K0UK5500M001	K0005500M001	K0US5500M001
Elcometer 5500/2	Elcometer 5500 Circular Ball-Drying Time Recorder	1	1 revolution every 6 hours	K0UK5500M002	K0005500M002	K0US5500M002
Elcometer 5500/3	Elcometer 5500 Circular Ball-Drying Time Recorder	1	1 revolution every 12 hours	K0UK5500M003	K0005500M003	K0US5500M003
Elcometer 5500/4	Elcometer 5500 Circular Ball-Drying Time Recorder	1	1 revolution every 24 hours	K0UK5500M004	K0005500M004	K0US5500M004
<b>Accessories</b>	Spare Ball Tool			KT005500P001		

## Related products



Elcometer 5300

The Elcometer 5300 linear drying time recorder allows the user to determine the drying time of up to ten coatings at once. Ten hemispherical tipped rods are fitted to a carriage and brought into contact with the freshly applied coating. The carriage moves at a determined rate and the graduated ruler on the unit, together with the trace, indicates the drying time.

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