



## 51-... Gel Time Measurement Devices

### Standards

ASTM D3451, ASTM D3532, ASTM D4217, CAN/CSA-Z245.20, DIN 16 916, DIN 55 990, EN ISO 8130-6, DIN EN ISO 8987, ISO 21809-2, DIN 30 670



### Application

Instruments for determination of gel time and hardening characteristics of powder coatings and resins

### Features

The exact surface temperature control and the integrated digital stop watch enable the user to produce repeatable and comparable gel times. Using a measuring spoon the specimen is filled into the polished hollows of the tempered heating plate. Simultaneously the integrated stop watch is turned on. The test piece is stirred with a stirring needle until there are no threads when pulling out the needle. When this point is reached, the watch is stopped and the gel time is read off.

### Technical Data

Temperature control	micro processor controller, digital temperature display
Temperature range	+60 ... +250°C
Display accuracy	± 0.1 °C
Digital stop watch	1 sec ... 24 h

### Device configuration

Device	Geltest GT 16	Geltest GT 16	Geltest GT 16/20	Geltest GT 20	Geltest GT 20	Geltest GT 100	Geltest GT 150
Polished hollows	1	4	2/2	1	4	plain plate	plain plate
Diameter	16 mm	16 mm	2x16 mm 2x20 mm	20 mm	20 mm	100x100 mm	150x150 mm
Item no.	51-100	51-100-001	51-103	51-104-002	51-104	51-108	51-109-001



## Dimensions and Connection

Dimensions (WxDxH)	450 x 220 x 240 mm
Weight	approx. 10 kg
Mains	230 V / 50 HZ (optional 115 V / 60 Hz)
Power	450 VA
Interfaces	n.a.
Air	n.a.
Cooling	n.a.
Others	n.a.

## Accessories

incl.	Item no.	Description
-	51-114	Dust cover with door made of acryl glass
-	51-126	Handle for stirring pins Ø 1 mm
-	51-125	Handle for stirring pins Ø 2 mm
-	51-127	Stirring pins made of stainless steel Ø 1 mm (1 pack = 100 pieces)
-	51-128	Stirring pins made of stainless steel Ø 2 mm (1 pack = 100 pieces)
-	51-130	Stirring pins made of glass Ø 2 mm (1 pack = 100 pieces)
-	51-131	Measuring spoon for samples 200 mg ( $\pm 10$ mg)
-	51-136	Cleaning scraper brass Ø 16 mm for hollows
-	51-137	Cleaning scraper brass Ø 20 mm for hollows
-	51-138	Draw down tool for Gel Testers (plain plates)