

Tecal 425F

The medium-temperature Tecal 425F operates from 5°C above ambient to 425°C and reaches maximum temperature in 12 minutes. It weighs 6.3kg and has the same temperature accuracy and uniformity performance as the 140F model.

Technical Specification

Medium temperature Portable Field Temperature Calibrator	
Minimum temperature	5°C above ambient
Maximum temperature	425°C
Temperature accuracy	±0.3°C
Temperature uniformity	±0.2°C
Temperature stability	±0.03°C at 200°C (after 10 mins)
Temperature stability	±0.05°C at 425°C (after 10 mins)
Display resolution	0.01°C or 0.1°F
Set point resolution	0.1°C or 0.1°F
Heating rate, 20°C to 400°C	12 minutes
Cooling rate, 400°C to 100°C	21 minutes
Large well	Ø38mm x 114mm inserts.
Fan cooling	Automatic
Dimensions H x W x D mm	270 x 170 x 255
Weight	6.3kg



See page 9 for full range of inserts available

425F

Options

- Inserts from standard list type FINSAL-
- RS-232 interface plus software and cable
- Cooling probe for rapid cooling of block
- Carry case soft
- Carry case hard
- UKAS calibration certificate

Ordering Information

Product Code	Model	Voltage	Hz	Watts	Net Weight (kg)
FDB425FD	Tecal 425F	230v	50/60	900	6.3
FDB425FP	Tecal 425F	120v	50/60	900	6.3
FDB425FY	Tecal 425F	100v	50/60	790	6.3
FDB425FR	Tecal 425F with RS-232	230v	50/60	900	6.3
FDB425FS	Tecal 425F with RS-232	120v	50/60	900	6.3
FDB425FT	Tecal 425F with RS-232	100v	50/60	790	6.3

The Cooling Probe can be used to rapidly cool the insert – chilled water passes through the probe that fits inserts with 10mm ø hole or larger.

Accessories

Product Code	Model	Net Weight (kg)
FDB00CP	Cooling Probe for 425,650,700X	0.4kg
FCALFCSH	Hard Carry case for 650F	8.2kg
FSC140F	Soft Carry case for 140 + 650F	2.3kg
6104266	RS-232 cable for use relevant units	0.2kg