

Calibrate with confidence using the *NEW* Tecal "Field" Range of Dri-Block Calibrators

Following on from many years of experience with the high quality *Tecal S* and *H* models the new *F* models have been introduced to offer a compact and lightweight, high performance range of Dri-Block temperature calibrators.



Tecal 140F

Low temperature Portable Field Temperature Calibrator

Minimum temperature	45°C below ambient (typically -20°C in ambient of 25°C)
Maximum temperature	140°C
Temperature accuracy	±0.3°C
Temperature uniformity	±0.2°C
Temperature stability	±0.05°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 100°C	5 minutes
Cooling rate, 100°C to 0°C	9 minutes
Large well	Ø38mm x 114 mm inserts
Fan cooling	Automatic
Dimensions HxWxDmm	273x207x289
Weight	11kg

Options

- Inserts from standard list FINSAL-
- RS-232 interface plus software and cable
- Carry case hard
- UKAS calibration certificate
- Carry case soft



Tecal 425F

Medium temperature Portable Field Temperature Calibrator

Minimum temperature	20°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 HxWxDmm	270x170x255
Weight	6.3kg



Tecal 650F

High temperature Portable Field Temperature Calibrator

Minimum temperature	25°C above ambient
Maximum temperature	650°C
Temperature accuracy	±0.4°C
Temperature uniformity	±1°C
Temperature stability	±0.09°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 600°C	35 minutes
Cooling rate, 600°C to 200°C	30 minutes
Large well	Ø38mm x 152mm inserts.
Fan cooling	Automatic
Dimensions HxWxDmm	278x170x300
Weight	11 kg

Options

- Inserts from standard list FINSAB-
- 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

Tecal 140F

FDB140FD	Tecal 140F 230v
FDB140FP	Tecal 140F 120v
FDB140FY	Tecal 140F 100v
FDB140FR	Tecal 140F 230v with RS-232
FDB140FS	Tecal 140F 120v with RS-232
FDB140FT	Tecal 140F 100v with RS-232

Tecal 425F

FDB425FD	Tecal 425F 230v
FDB425FP	Tecal 425F 120v
FDB425FY	Tecal 425F 100v
FDB425FR	Tecal 425F 230v with RS-232
FDB425FS	Tecal 425F 120v with RS-232
FDB425FT	Tecal 425F 100v with RS-232

Tecal 650F

FDB650FD	Tecal 650F 230v
FDB650FP	Tecal 650F 120v
FDB650FY	Tecal 650F 100v
FDB650FR	Tecal 650F 230v with RS-232
FDB650FS	Tecal 650F 120v with RS-232
FDB650FT	Tecal 650F 100v with RS-232

INSERTS FOR THE TECAL 140 AND TECAL 425 UNITS

Part No	Description	Net weight kg
FINSALA	Insert 5 x 6mm probes aluminium	0.5
FINSALB	Insert 10 + 8 + 6 + 4.5 + 3mm probes aluminium	0.5
FINSALC	Insert 2 x 6mm + 2 x 10mm probes aluminium	0.5
FINSALD	Insert 2 x 6mm + 2 x 12mm probes aluminium	0.5
FINSALE	Insert 1 x 6mm probe aluminium	0.5
FINSALF	Insert 5 x 1/4" probes aluminium	0.5
FINSALG	Insert 3/8" + 5/16" + 1/4" + 3/16" + 1/8" probe aluminium	0.5
FINSALH	Insert 2 x 3/8" + 2 x 1/4" probes aluminium	0.5
FINSALI	Insert 2 x 1/2" + 2 x 1/4" probes aluminium	0.5
FINSALJ	Insert 1 x 1/4" probe aluminium	0.5
FINSALK	Insert blank aluminium	0.5
FINSALL	Insert 9/16" probe aluminium	0.5
FINSALM	Insert 5/8" probe aluminium	0.5
FINSALN	Insert 11/16" probe aluminium	0.5
FINSALO	Insert 3/4" probe aluminium	0.5
FINSALP	Insert 11 + 9 + 5 + 4 mm probes aluminium	0.5
FINSALQ	Insert 6mm probe aluminium (immersion depth 40mm)	0.5
FINSALR	Insert 6mm + 9mm probes aluminium	0.5
FINSALT	Insert 9 x 3.18mm probes aluminium	0.5
FINSALZ	Insert 20mm probe aluminium	0.5

INSERTS FOR THE TECAL 650

FINSABA	Insert 5 x 6mm probes aluminium bronze	1.1
FINSABB	Insert 10 + 8 + 6 + 4.5 + 3mm probes aluminium bronze	1.1
FINSABC	Insert 2 x 6mm + 2 x 10mm probes aluminium bronze	1.1
FINSABD	Insert 2 x 6mm + 2 x 12mm probes aluminium bronze	1.1
FINSABE	Insert 1 x 6mm probe aluminium bronze	1.1
FINSABF	Insert 5 x 1/4" probes aluminium bronze	1.1
FINSABG	Insert 3/8" + 5/16" + 1/4" + 3/16" + 1/8" probes aluminium bronze	1.1
FINSABH	Insert 2 x 3/8" + 2 x 1/4" probes aluminium bronze	1.1
FINSABI	Insert 2 x 1/2" + 2 x 1/4" probes aluminium bronze	1.1
FINSABJ	Insert 1 x 1/4" probe aluminium bronze	1.1
FINSABK	Insert blank aluminium bronze	1.5
FINSABL	Insert 9/16" probe aluminium bronze	1.1
FINSABM	Insert 5/8" probe aluminium bronze	1.1
FINSABN	Insert 11/16" probe aluminium bronze	1.1
FINSABO	Insert 3/4" probe aluminium bronze	1.1
FINSABP	Insert 19.5mm probe aluminium bronze	1.1
FINSABQ	Insert 10/8/6/4/3mm probe aluminium bronze	1.1
FINSABR	Insert 12mm probe aluminium bronze	1.1
FINSABS	Insert 15mm probe aluminium bronze	1.1
FINSABZ	Insert 20mm probe aluminium bronze	1.1



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.