





**Accurate temperature dry block for industrial field use**

**Brand:** Beamex  
**SKU:** FB660R  
**Warranty:** 0

**Specifications**

<b>Hysteresis</b>	±0.01 °C
<b>Immersion depth</b>	150 mm (5.9 in)
<b>Insert OD dimensions</b>	24.4 mm (0.96 in)
<b>Heating time: 15 min</b>	50 °C to 660 °C
<b>Resolution</b>	0.01 °C / °F
<b>Display</b>	LCD, °C or °F user-selectable
<b>Weight</b>	7.7 kg (17 lb)
<b>Computer interface</b>	RS-232
<b>Stander</b>	Calibration Accredited calibration certificate provided
<b>Environmental operating conditions</b>	0 °C to 50 °C, 0% to 90% RH (non-condensing)
<b>Specifications valid in environmental conditions</b>	13 °C...33 °C
<b>Temperature range at 23 °C</b>	50 °C to 660 °C (122 °F to 1220 °F)
<b>Display accuracy</b>	±0.35 °C at 50 °C, ±0.35 °C at 420 °C, ±0.5 °C at 660 °C
<b>Size</b>	(H x W x D) 290 mm x 185 mm x 295 mm (11.4 x 7.3 x 11.6 in)
<b>Stability</b>	±0.03 °C at 50 °C, ±0.05 °C at 420 °C, ±0.05 °C at 660 °C
<b>Cooling time: 35 min</b>	660 °C to 50 °C, 25 min; 660 °C to 100 °C
<b>Axial uniformity at 40 mm (1.6 in)</b>	±0.05 °C at 50 °C, ±0.35 °C at 420 °C, ±0.5 °C at 660 °C
<b>Radial uniformity</b>	±0.02 °C at 50 °C, ±0.05 °C at 420 °C, ±0.10 °C at 660 °C

<b>Loading effect (with a 6.35 mm reference probe and three 6.35 mm probes)</b>	$\pm 0.015$ °C at 50 °C, $\pm 0.025$ °C at 420 °C, $\pm 0.035$ °C at 660 °C
<b>Power requirements</b>	230 V ( $\pm 10\%$ ), 50/60 Hz, 1800 W/100 V to 115 V ( $\pm 10\%$ ), 50/60 Hz, 1400 W
<b>Weight</b>	7.7 KG
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