

## Metal Block Calibrator

The B140 provides you with a convenient precision temperature source for the calibration of a wide range of industrial thermometers.

Its range is ideally suited to the food processing industry covering the temperatures used for sterilisation, processing and storage.

Using ASL's proven removable insert technology the B140 accepts a variety of temperature probe diameters and guarantees repeatable calibration performance to enable you to comply with your ISO9000 requirements.

All B140s are tested over their full temperature range before dispatch and are supplied with a stability test certificate.



### SPECIFICATION

<p><b>Operating temperature range</b></p> <p><b>Stability</b></p> <p><b>Accuracy</b></p> <p><b>Uniformity (insert)</b></p> <p><b>Heating/Cooling time</b></p> <p><b>Setpoint</b></p> <p><b>Independent Indicator (optional)</b></p> <p><b>Block holes</b></p> <p><b>Probe insert holes</b></p> <p><b>Operating conditions</b></p> <p><b>Power requirements</b></p> <p><b>Dimensions/weight</b></p>	<p>-25°C to +140°C (-13°F to +284°F).</p> <p>&lt;±0.05°C (&lt;±0.09°F).</p> <p>See calibration accuracy.</p> <p>&lt;0.02°C (&lt;0.036°F), typical.</p> <p>Ambient to +140°C: 10 mins.(typ) / Ambient to -25°C: 25 mins.(typ).</p> <p>in °C or °F with a resolution of 0.1°C/°F or 1°C/°F.</p> <p><u>Accuracy:</u> &lt;±0.2°C ; <u>Resolution:</u> 0.1°C.</p> <p>2 x ø16mm x 155mm long, to accept insert.</p> <p>ø3mm minimum to ø12mm maximum , up to 4 holes maximum, with depth up to 150mm (not supplied, see insert data sheet).</p> <p><i>Note: All performance data relates to B140 used vertically in an ambient temperature of 20°C (68°F).</i></p> <p>15°C to 25°C for full accuracy, 0°C to 50°C maximum.</p> <p>230VAC, 115VAC (+10%/-15%) selectable on rear panel. 320VA max.</p> <p>305mm (W) x 325 (H) x 165mm (D), 9 kg.</p>
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**-25°C to +140°C**

### APPLICATIONS

- Food processing and storage
- Pharmaceutical industry
- Chemical industry
- Environmental monitoring

### ORDER CODES

Note: Inserts must be ordered separately. See Insert data sheet.

**B140-A-X-XX**

N = No Independent Indicator  
P = Independent Indicator

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D = RS232 Independent Indicator Interface  
K = IEEE Independent Indicator Interface

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