Temperature can easily be set, stepped, and slewed

Multiple user-defined temperature tables can be stored in memory

Full 20-character by 4-line alpha/numeric display and keypad

Actual measured temperature displayed

Failsafe sensor with easily set limits

Over-temperature sensor protects against thermal run-away

Remote operation via IEEE-488 bus or RS-232C communication link

TTL I/O lines for remote device control

**SPECIFICATIONS**

**Temperature Range:**
- 55° to +200° C / LCO₂
- 65° to +200° C / LN₂

**Rate of Temperature Change (Unloaded):**
30° C / min. (115V), 60° C / min. (230V)

**Stability:**
± 0.20° C
(including effects of line voltage, ambient temperature between 15° and 45° C, and aging)

**Uniformity:**
± 0.3° C from -40° to +80° C
± 1.5° C Max. from -65 to -40° C and 80° to 200° C
(Measurements taken from within 1” [2.54 cm] from chamber walls)
TEMPERATURE CONTROL

- Resistance of platinum resistance sensor converted to digital values
- Internally stored mathematical polynomials convert digital values to temperature
- Calibrated digitized temperature compared to user-set temperature
- Four-point calibration provides greater accuracy

FIXTURE OPTIONS

- Windows, feed through cabling, edge-card connections, or cable ports customized to user specifications

CHARACTERISTICS

Voltage:
190-250 VAC, 50-60 Hz, 4.6 KVA maximum or 95-125 VAC, 50-60 Hz, 2.3 KVA maximum

Dimensions:

<table>
<thead>
<tr>
<th>Internal:</th>
<th>External: (excluding latches and hinges)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.00 inches wide</td>
<td>18 inches wide (45.7 cm)</td>
</tr>
<tr>
<td>(30.5 cm)</td>
<td></td>
</tr>
<tr>
<td>12.00 inches deep</td>
<td>25 inches deep (63.5 cm)</td>
</tr>
<tr>
<td>(30.5 cm)</td>
<td></td>
</tr>
<tr>
<td>8.00 inches high</td>
<td>15 inches high (38.1 cm)</td>
</tr>
<tr>
<td>(20.3 cm)</td>
<td></td>
</tr>
</tbody>
</table>

Weight:
45 lbs. (20.4 kg.)

Coolant Options: LCO₂ Usage:
LCO₂ or LN₂ 7 lbs/hr at -55° C, typical

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