HEATED & HUMIDIFIED INCUBATORS
7002/7003 SERIES: REACH-IN & BENCHTOP CAPACITIES

CARON
Opening Doors for Scientists
Heated Only and Heated/Humidified Incubators:
This product line is designed to provide accurate temperature control for studies requiring 10°C above ambient to 70°C. Additionally, the 7003 Humidified models provide ambient to 95% RH controls.

These incubators offer more than typical competitive units – they offer best in class customer friendly features, are consistently reliable and are energy efficient. Common applications include: clinical/bacteriology studies, environmental testing, accelerated testing of chemicals, pharmaceuticals and biological products, elevated temperature/humidity studies, industrial testing, coating and adhesive tests, electronics testing and more.

The 25 ft³ (708L) and 33 ft³ (934L) units come standard with swivel locking casters and leveling feet, which aid in installation and relocation. 10 ft³ (283L) models are stackable or can fit on a benchtop.

Our large variety of optional accessories allow you to easily choose the options you need for your application. Caron also offers a broad array of optional factory direct services to support your facility needs.

Our validation services provide complete mapping and performance certification to satisfy FDA guidelines for qualification verification of equipment.

New touchscreen controls: simple & convenient!
The intuitive control panel has a real-time clock, an on-screen trend graph, is easy to reach and simple to use with fewer buttons to navigate. Just touch the 7” full-color screen to put command at your fingertips. Our controls are “smart,” using breadcrumb trail navigation to keep track of your location within the menus.

The icon-based status center provides vital information updates, including: alerts, alarms and information statuses, allowing for peace of mind, worry-free operation. In fact, these updates include built-in preventative maintenance, which are real-time reminders for basic service updates. Regular maintenance enhances and preserves the reliability of your incubator.

All alerts, alarms and information status icons will display in the status bar when initiated, with detailed information ready-to-read by simply selecting the icon. Our snooze mode is a convenient function that allows you to be reminded of alarms at a later time. Additionally, the built-in intelligence avoids nuisance alarms and the password protection feature prevents unauthorized access.

Caron’s Heated and Humidified Incubators are ideal for a wide range of applications that require precise control of above ambient conditions, such as biological culture testing and environmental studies.
Can be retro-fitted in the field by a qualified technician.

- ALRM302 Remote alarm contacts provides NO & NC dry contacts.
- CSTR301 4 swivel casters; 2 locking & 2 non-locking (for 10 ft³ models).
- OUTP301 Universal analog output (0-5V, 4-20mA). Provides 1 connection for monitoring temperature (7002 Models).
- OUTP302 Universal analog output (0-5V, 4-20mA). Provides 2 connections for monitoring temperature & humidity (7003 Models).
- RCDR316 Built-in temperature recorder. Single pen, 6", 7 day, 24 hr. (7002 Models).
- RCDR317 Built-in temperature/humidity recorder. Dual pen, 6", 7 day, 24 hr. (7002 Models).
- RCDR318 Built-in temperature/humidity recorder. Thermal printer, 10", 7 day, 24 hr. (7002 Models).
- RCDR319 Built-in temperature/humidity recorder. Thermal printer, 10", 7 day, 24 hr. (7002 Models).
- RCDR320 Side-mounted temperature recorder. Single pen, 10", 7 day, 24 hr. (7002 Models).
- RCDR321 Side-mounted temperature/humidity recorder. Dual pen, 10", 7 day, 24 hr. (7002 Models).
- RCDR322 Side-mounted temperature/humidity recorder. Thermal printer, 12", 7 day, 24 hr. (7002 Models).
- RCDR323 Side-mount temperature/humidity recorder. Thermal printer, 12", 7 day, 24 hr. (7003 Models).

Features, benefits & accessories

- Our tool-less removable interior uses stainless steel latches, making it easy to clean and reconfigure.
- The glass doors are heated, triple-pane and Argon-filled, minimizing condensation for a clear view inside.
- The interior is comprised of stainless steel, making it easy to clean and highly resistant to corrosion.
- In the event of a power failure, non-volatile memory allows the chamber to return to its original setpoint when power is restored.
- Caron green door handles are aesthetically pleasing and enhance ergonomics.
- The stainless steel shelves slide into place and are adjustable, making them easy to clean, easy to relocate and highly resistant to corrosion.
- 25 ft³ and 33 ft³ units have two access ports (one on each side) and the 10 ft³ unit has one access port, making validation easy and providing convenient access to connect instrumentation.
- Many optional accessories are available, allowing you to modify the chamber to your specific application.

Optional accessories (continued on back)

Requires customer assembly/installation

- SHLF300 Additional perforated shelf kit, 2 shelf tracks (for 25 & 33 ft³ models).
- SHLF301 Additional wire rod shelf kit, 2 shelf tracks (for 25 & 33 ft³ models).
- SHLF302 Additional solid shelf kit, 2 shelf tracks (for 25 & 33 ft³ models).
- SHLF303 Additional heavy duty perforated shelf kit (for 25 & 33 ft³ models). Requires SHLF313, SHLF318, SHLF323 or SHLF324.
- SHLF304 Additional perforated shelf kit, 2 shelf tracks (for 10 ft³ models).
- SHLF305 Additional wire rod shelf kit, 2 shelf tracks (for 10 ft³ models).
- SHLF306 Additional solid shelf kit, 2 shelf tracks (for 10 ft³ models).
- STCK301 Stacking kit (for 10 ft³ models).

Must be factory installed at time of initial order

- DLOG301 Data logging & storage to a USB flash drive; 1 year storage.
- LGHT320 Light package with (4) 24 Watt Fluorescent lights, 2 lights per bank, 2 banks, day/night timer (for 10 ft³ models).
- LGHT321 Light package with (6) 24 Watt Fluorescent lights, 2 lights per bank, 3 banks, day/night timer (for 25 ft³ models).
- LGHT322 Light package with (8) 24 Watt Fluorescent lights, 2 lights per bank, 4 banks, day/night timer (for 33 ft³ models).
- LGHT323 Interior LED lighting with day/night timer (for 10 ft³ models).
- LGHT324 Interior LED lighting with day/night timer (for 25/33 ft³ models).
- LOCK301 Outer door lock (for 25 & 33 ft³ models).
- OUTL301-1 One internal outlet, 115V 60Hz, NEMA 5-15 (for -1 models).
- OUTL301-2 One internal outlet, 115V 60Hz, NEMA 5-15 (for -2 models).
- OUTL306-3 One internal outlet, 230V 50Hz, CEE 7/16 (for -3 models).
- OUTL307-3 One internal outlet, 230V 50Hz, BS1363A (for -3 models).
**SPECIFICATIONS & OPTIONAL ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>7002-10</th>
<th>7003-10</th>
<th>7002-25</th>
<th>7003-25</th>
<th>7002-33</th>
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<td>Temperature Range</td>
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<td>Temperature Control</td>
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<td>Temperature Uniformity</td>
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<td>Humidity Range</td>
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<td>Ambient to 95% RH</td>
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<td>±3% RH</td>
<td>N/A</td>
<td>±3% RH</td>
<td>N/A</td>
<td>±3% RH</td>
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<td>Humidity Sensor</td>
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<td>Capacitive</td>
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<tr>
<td>Interior Dimensions</td>
<td>23&quot; W x 25.8&quot; D x 29.8&quot;H (58.4 cm x 65.5 cm x 75.7 cm)</td>
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<td>Interior Construction</td>
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<td>Exterior Dimensions</td>
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<td>Work Space</td>
<td>10 cu. ft. (283 liters)</td>
<td>25 cu. ft. (708 liters)</td>
<td>33 cu. ft. (934 liters)</td>
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<tr>
<td># of Shelves</td>
<td>3 Standard; 15 Maximum</td>
<td>4 Standard; 25 Maximum</td>
<td>5 Standard; 31 Maximum</td>
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<tr>
<td>Shelf Dimensions</td>
<td>22.5&quot; W x 25.4&quot; D (57.2 cm x 64.5 cm)</td>
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<td><strong>Shelf Dimensions</strong></td>
<td>29.25&quot; W x 24.45&quot; D (74.3 cm x 62.1 cm)</td>
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<tr>
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**MORE OPTIONAL ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>OUTL308-3</th>
<th>OUTL309-2</th>
<th>OUTL310-1</th>
<th>OUTL310-2</th>
<th>OUTL311-3</th>
<th>OUTL312-3</th>
<th>OUTL313-3</th>
<th>OUTL314-2</th>
<th>PORT301</th>
<th>RAMP301</th>
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</thead>
<tbody>
<tr>
<td>Electrical</td>
<td>One internal outlet, 230V 50Hz, AS/NZS 3112 (for -3 models).</td>
<td>One internal outlet, 230V 60Hz, NBR 14136 (for -2 models).</td>
<td>3 internal outlets, 115V 60 Hz, NEMA-5-15 (25 &amp; 33 ft³, -1 models).</td>
<td>3 internal outlets, 115V 60 Hz, NEMA-5-15 (25 &amp; 33 ft³, -2 models).</td>
<td>3 internal outlets, 230V, 50Hz, CEE 7/16 (25 &amp; 33 ft³, -3 models).</td>
<td>3 internal outlets, 230V 50Hz, BS1363A (25 &amp; 33 ft³, -3 models).</td>
<td>3 internal outlets, 230V 50Hz, AS/NZS 3112 (25 &amp; 33 ft³, -3 models).</td>
<td>3 internal outlets, 230V 60Hz, NBR 14136 (25 &amp; 33 ft³, -2 models).</td>
<td>Additional 2&quot; access port.</td>
<td>Ramp/soak programming; 5 profiles/10 steps each, 50 steps.</td>
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</tbody>
</table>

**SHLF307** Heavy-duty reinforced shelf/floor (for 10 ft³ units).

**SHLF311** Wire rod shelf kit, set of 4, replaces standard shelving (25 ft³).

**SHLF312** Solid shelf kit, set of 4, replaces standard shelving (25 ft³).

**SHLF313** Heavy-duty perforated shelf kit, set of 4, replaces standard shelving (25 ft³).

**SHLF314** Wire rod shelf kit, set of 3, replaces standard shelving (10 ft³).

**SHLF315** Solid shelf kit, set of 3, replaces standard shelving (10 ft³).

**SHLF316** Wire rod shelf kit, set of 5, replaces standard shelving (33 ft³).

**SHLF317** Solid shelf kit, set of 5, replaces standard shelving (33 ft³).

**SHLF318** Heavy-duty perforated shelf kit, set of 5, replaces standard shelving (33 ft³).

**SHLF323** Pilaster kit (set of 2) for use with SHLF303, SHLF313, SHLF320 & SHLF321 (25 ft³).

**SHLF324** Pilaster kit (set of 2) for use with SHLF303, SHLF318, SHLF320 & SHLF322 (33 ft³).