

# Air Jacketed CO<sub>2</sub> Incubator ACI-1140



## Description

Air Jacketed CO<sub>2</sub> Incubator ACI-1140 With 6-sided direct heating technology, the incubator chamber DIS heated from all six sides, including the door.

Manifold fast temperature sensors and innovative mDCroprocessor PID control regulate the 3 individual heating circuits to assure homogenous temperature within chamber. As an additional option, the incubators can be equDPIped with decontamination; Oxygen Control DIS available in CO<sub>2</sub> incubators, 25mm Access Port at left side and LED dDISplay, temperature alarm.

The chamber constructed of, type 304L stainless steel, whDCh delivers an easily cleanable inert surface that does not promote biologDCal growth

## Technical:

| Model                 | ACI-1140                     | ACI-1180                  | ACI-1260           | ACI-1650           | ACI-1850           |
|-----------------------|------------------------------|---------------------------|--------------------|--------------------|--------------------|
| Capacity              | 40 L                         | 180 L                     | 260 L              | 650 L              | 850 L              |
| Temp Range            | Range                        | Ambient 5 to 60 ?         |                    |                    |                    |
|                       | Accuracy                     | ±0.1? ?37??               |                    |                    |                    |
|                       | Resolution                   | 0.1?                      |                    |                    |                    |
|                       | Control                      | PID                       |                    |                    |                    |
|                       | Uniformity                   | ±0.3? (37?/RT.20?)        | ±0.4? (37?/RT.20?) | ±0.5? (37?/RT.20?) | ±0.5? (37?/RT.20?) |
|                       | Heating Capacity             | 320 W                     | 610 W              | 1100 W             | 1400 W             |
| CO <sub>2</sub> Range | Range                        | 0 to 20%                  |                    |                    |                    |
|                       | Accuracy                     | ±0.1% (5% / 37?)          |                    |                    |                    |
|                       | Resolution                   | 0.1%                      |                    |                    |                    |
|                       | Sensor                       | IR CO <sub>2</sub> Sensor |                    |                    |                    |
|                       | Control                      | MDCroprocessor            |                    |                    |                    |
|                       | Inlet Pressure               | 0.3 to 0.5bar             | 0.6 to 0.7bar      | 0.7 to 1.0bar      |                    |
| Shelves               | 2/4                          | 3/8                       | 3/8                | 3/15               | 3/15               |
| Jacket Type           | Dry Wall Type (6 sides heat) |                           |                    |                    |                    |
| Material              | Stainless Steel              |                           |                    |                    |                    |
| DDISplay              | LED                          |                           |                    |                    |                    |
| Power Consumption     | 320 W                        | 610 W                     | 1100 W             | 1400 W             |                    |
| Dimension             | 320x350x375mm                | 473x528x710mm             | 530x590x900mm      | 700x650x1430mm     | 700x800x1530mm     |
| Weight                | 38 kg                        | 80 kg                     | 115 kg             | 230 kg             | 260 kg             |
| Catalogue No.         | 3601010-04                   | 3601015-04                | 3601020-04         | 3601025-04         | 3601030-04         |

|                    |                       |
|--------------------|-----------------------|
| Shipping:          | 2 - 3 weeks Delivery. |
| timer_range:       | -                     |
| uniformity:        | 0.3? (37?/RT.20?)     |
| power:             | 320 W                 |
| temperature_range: | Ambient 5 to 60 ?     |
| capacity:          | 40 L                  |

model:

ACI-1140

## **Iris Analytical Ltd.**

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