



## Multi chamber benchtop incubator

# CT37stax™

## State of the art space saving multi chamber benchtop CO<sub>2</sub> incubator fit for the demands of the modern laboratory.

The innovative space saving design of the CT37stax™ maximises dish capacity while needing 30% less benchtop space in a laboratory.

The CT37stax™ is available with a varying number of incubator chambers, from 3 to 6. Additional chambers can be added to a system as demand grows ensuring the CT37stax™ is a cost effective solution.

The compact design allows the incubator system to be sited beside the microscope or ICSI workstation, even inside a flow hood – improving workflow in the laboratory.

The CT37stax™ incubator's highly accurate environmental regulation system ensures optimal clinical conditions inside each individual chamber. The small chamber size ensures fast recovery times after lid openings. Humidification can be provided to all or selected chambers if required.

The CT37stax™ is packed with comprehensive alarm and monitoring features with multiple parameters of each chamber constantly monitored and audible and visual alarms alerting users to any issues.

- Cost Effective Solution
- Provides Optimal Environment
- Easy to use Incubator Management
- Comprehensive Built In Protection
- Improves Workflow
- Innovative Space Saving Modular Design
- Optional Humidification for Each Chamber
- Soft close chamber lids

**Want to find out more about incubation? [enquiries@planer.com](mailto:enquiries@planer.com)**

## CT37stax™



The CT37stax™ is supplied with Planer Incubator Management Software (PIMS) which operates as both the full control interface for single or multiple CT37stax™ incubators and can also be used as a management system for all Planer incubators (INC-A20, BT37 and CT37stax™) operated within the laboratory. PIMS provides an intuitive and user friendly interface from either single or multiple PCs in the laboratory. PIMS is fully password protected and can provide audit reports of user's actions and system performance.

Parameter	Specification
Number of incubation chambers	6
Dimensions	420 mm wide x 270 mm deep x 210 mm high
Weight: docking station	14 kg
Weight: incubation chamber	3.5 kg
Maximum dish capacity:	
35mm petri dish	72
60mm petri dish	36
Square multi well	24
Patient capacity	24
Individual chamber control	Yes
Temperature control range	Ambient +6 °C to Ambient +20 °C, Maximum incubator temperature setting 40.0 °C
Temperature control accuracy	±0.1 °C
Temperature measurement accuracy	±0.2 °C
Heated lids	Yes
Humidified chamber	Yes via optional water tray
Gas input	Pre-mix
CO <sub>2</sub> Range	2.0 to 10 %, set via premix used
CO <sub>2</sub> Monitoring	Yes, via built in PetriSense®
System control	Via PIMS software on PC
Data logging software	Yes via PIMS software
Alarm parameters monitored	Temperature high and low; gas flow; power fail; CO <sub>2</sub> level
Independent monitoring access	Yes, access for independent temperature and CO <sub>2</sub> sensors
External alarm relay output	Yes
Power supply	Dual External Power Supplies
Operating Environment Temperature Range	+5 °C to +40 °C

Specifications may change without notice. Third party trademarks acknowledged.

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