

ATMOS TI
MICROPROCESSOR INFRARED SENSOR CONTROLLED CO2 BENCHTOP
INCUBATOR

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Description:

Atmos TI has been especially designed by myself for IVF biologists, in IVF, ICSI, cryopreservation, andrology and genetic laboratories.

Nowadays ,optimization of human gametes & embryos culture imposes a small volume incubators with very rapid recovery time.

Atmos offers following advantages:

- Compact dimensions make it transportable & easy to place.
- Stainless steel double walled interior.
- Interior parts can be dismantled.
- Chemicals resistant coated exterior.
- Gas isolated double glass door with magnetic seals.
- High CO2 & Tp. accuracy, suitable for long term culture of high sensitive human embryos.
- Atmos allows culture of human / animal blastocysts or embryonic cells / tissues.
- User friendly membrane key pad easy to clean.
- Easiness for interior cleaning.
- User friendly parameters setting .
- Advanced horizontal air circulation guarantees stable and reproducible environment.
- Auto zero calibration adjustable at any interval of time.
- CO2 restored independently from cabinet humidity.
- No cabinet humidity necessary, thus less possibilities of contamination.
- CO2 presetted value recovered up to 1 min after door opening.
- Audio & visual alarm messages assure optimal safety.
- Self diagnostic capabilities.
- Connection to PC through RS 232 interface for parameters recording. (optional)

Technical specifications:

dimensions ext: 340 x 335 x 525 mm

dimensions int: 230 x 275 x 325 mm

Int volume: 20 litres

Weight 19 Kg

Voltage: 230 V/ 50 Hz or 120 V/60 Hz

Temperature range: 5°C above RT up to 40 (optional up to 60°C available)

Temperature accuracy: +/- 0,5°C, microprocessor controlled

CO2 range: 0-25% infrared measurement microprocessor controlled

std.preset: 5%

Flow rate: 0-20ml / min., microprocessor controlled

CO2 recovery: 1min. after 10s. door opening

CO2 accuracy: +/-0,50%

Gas source: 99.9% pure CO2 for medical useclick to get illustrations

Int. atmosphere sampling: possible through connection device allowing ext. CO2 measurement / control click to get illustrations

Safety features: Atmos conforms to CE -requirements

Order specifications:

TI 001 : TI v.01 Atmos 230 V / 50 Hz incl. 2 stainless steel shelves
TI 002 : TI v.02 Atmos 130 V/ 60 Hz incl. 2 stainless steel shelves
TI 003 : Stainless steel shelves
TI 004 : RS 232 Interface
TI 005 : Max.Tp. Set, up to 60 °C

Order information

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