

CO₂ Personal - Incubator with INFRARED Sensor



TECO 20 e

TECO 20 s



Description:

A new infrared-controlled CO₂ -Incubator designed for personal use.

This Incubator has been designed with just the right dimensions to be considered personal.

The microprocessor - control guaranties precise, reproducible environmental condition's.

Due to the advanced horizontal air circulation, this incubator offers a temperature accuracy specification of 0,1°C, CO₂ is regulated via infrared control.

Alarm messages guarantee total security in the event that the temperature or CO₂ concentration exceed their preset limits or in case of Pressure drop inside the gas bottle.

TECO 20 has been also especially designed by an IVF biologist for IVF biologists for their IVF, ICSI, cryopreservation, andrology and genetic laboratories.

It offers following advantages :

- CO₂ - and temperature calibration per software adjustable
- Compact dimensions make it transportable & easy to place
- Stainless steel double walled interior
- Interior parts can be dismantled
- Gas isolated double glass door with magnetic seals
- High CO₂ & Tp. accuracy, suitable for long term incubation of high sensitive biol. material like human embryos
- TECO 20 allows culture of human / animal blastocysts or embryonic cells / tissues
- User friendly membrane key pad easy to clean
- Easiness of interior cleaning
- User friendly parameters setting
- Advanced horizontal air circulation guarantees stable and reproducible environment
- Chemicals resistant coated exterior
- CO₂ restored independently from cabinet humidity
- No cabinet humidity necessary, thus less possibilities 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 525 x 335 mm (W x H x D)
Dimensions- int.:	230 x 325 x 275 mm (W x H x D)
Int. volume:	20 liters
Weight:	32 kg
Connected load:	65 VA
Gas pressure:	1 bar +/-0,2
Temperature range:	5 °C above RT up to 45°C
Temperature accuracy:	+/- 0,1°K, PID - microprocessor controlled
CO ₂ range:	CO ₂ range: 0 - 10 % infrared measurement, microprocessor controlled
Standard preset:	5 %
CO ₂ recovery:	< 1 min after 10 s. door opening
CO ₂ accuracy:	+/- 0,1 %
Gas source:	99,9 % pure CO ₂ for medical use
Stainless steel shelves:	2 pieces

Safety features:

TECO 20 e / s conforms to CE- requirements

Order specifications:

TECO 20 e :	230 V / 50 Hz	order- no:	600.014 -1
TECO 20 e :	115 V / 60 Hz	order- no:	600.014- 2
TECO 20 s :	with additional point of RS 232 Interface, PC- cable for RS 232 9- poles, incl. Windows Software WIN TE 1.0 Analyzing system for supervising and controlling		
TECO 20 s :	230 V / 50 Hz	order- no:	600.005 -1
TECO 20 s :	115 V / 60 Hz	order- no:	600.005 -2
TECO 20 e / s :	Stainless steel shelves	order- no:	010.150

Options:

Alarm contact floating output (potential free)