



BT37 Incubator

Same trusted BT37, now fully supported
by the team that builds it.



Powered by Nexpring Health

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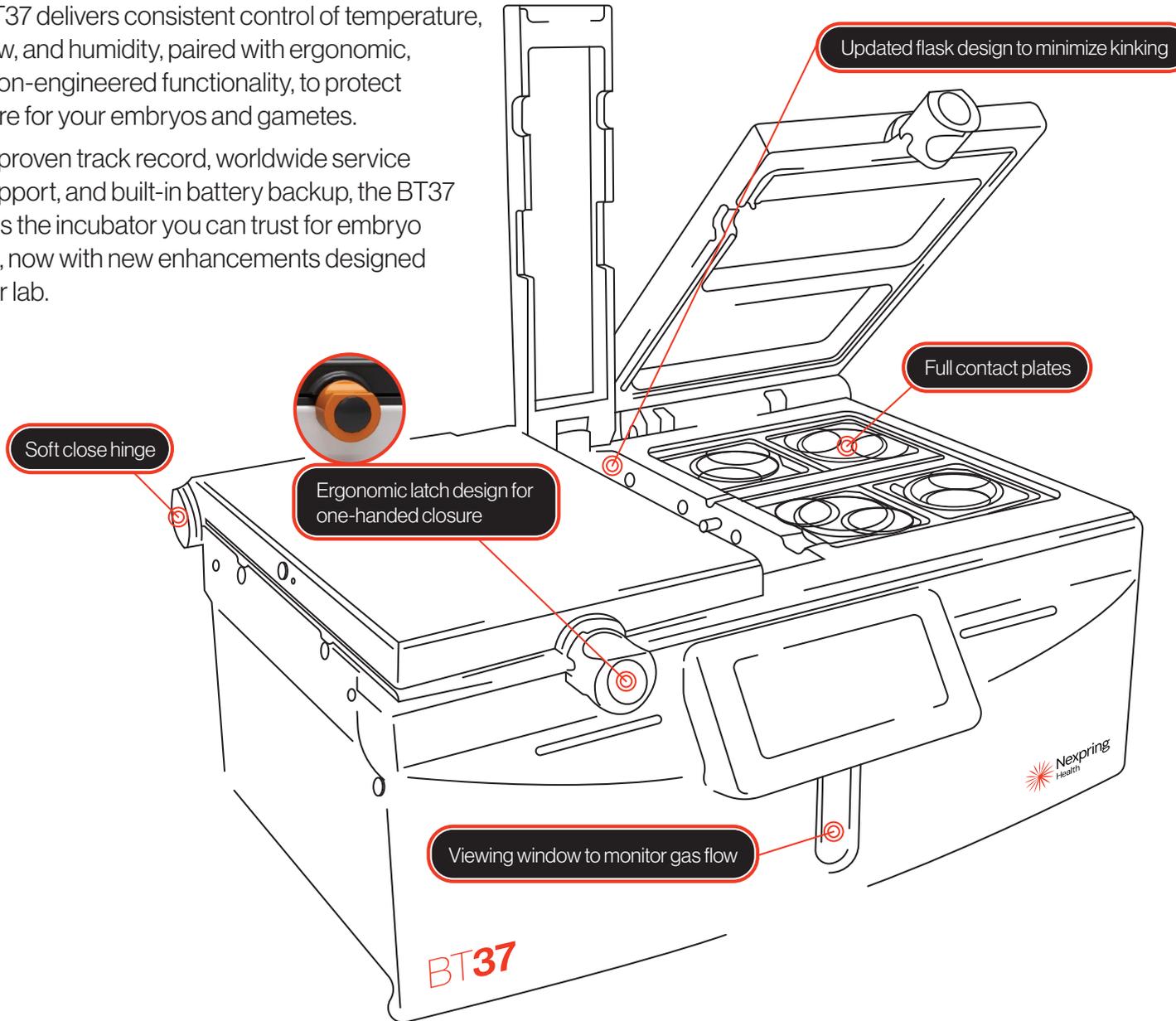
MICROPTIC

TEK●EVENT

Built on your feedback. Enhanced for everyday use.

The BT37 delivers consistent control of temperature, gas flow, and humidity, paired with ergonomic, precision-engineered functionality, to protect and care for your embryos and gametes.

With a proven track record, worldwide service and support, and built-in battery backup, the BT37 remains the incubator you can trust for embryo culture, now with new enhancements designed for your lab.



Designed for your peace of mind

- Integrated battery ensures full functionality for 2h in the event of power failure
- Event/Alarm log on display
- Connectivity to clinic network (Ethernet)
- Ready for remote monitoring (Alarm relays + independent monitoring ports)
- Password protection prevents accidental power off and unauthorized parameter change

Simply Dependable

- Clearly visible display
- User-friendly touchscreen interface
- Proven reliability
- **NEW:** Backed by Nexpring service plans

Optimum Conditions

- Humidification capability to minimize osmolality change
- User-friendly bottle for easy, kink-free installation.
- Works with premixed gas to give rapid recovery (temperature, gas, and humidity).
- Direct heat transfer for fast recovery and temperature uniformity
- Seven-point temperature control delivers consistent heat distribution
- Temperature control to 0.1° C
- Large range of culture dish sizes accepted

Specifications

SYSTEM

Dimensions (WxDxH)	435 mm wide x 330 mm deep x 185 mm high
Weight	17 kg
Storage temperature	-10°C to +50°C
Storage humidity	5% to 95% relative humidity non-condensing
Storage special instructions	Recharge every 4 months by connecting to the mains power supply for 24 hours

CAPACITY

Dishes per chamber	4 x Nunc® 4 well Petri dishes
	10 x Nunc 35 mm Petri dishes
	4 x Minitub 5 well Petri dishes
	4 x Falcon® 60 mm Petri dishes

CONTROL

Temperature control range	(ambient + 5°C) to (ambient + 20°C) 40°C max.>
Temperature measurement accuracy	± 0.2°C
Temperature control accuracy	± 0.1°C measured after any transient effects due to set-point changes have subsided
Flow control range	0 ml/minute to 900 mL/minute. Normalized to 0°C, 50% RH and 1 bar
Flow Accuracy	The greater of ± 10% or ± 3 ml/minute
Flow control accuracy	The greater of ± 5% or ± 2 ml/minute measured after any transient effects due to set-point changes have subsided

GAS SUPPLY

Gas supply	Premixed gas. Typically 6% CO ₂ , 5% O ₂ , 89% N ₂
Supply pressure	1.5 ± 0.15 bar
Connectors	SWAGELOK 1/4" tube fitting

MONITORING

Local area network (LAN)	10 Base T Ethernet – RJ45 shielded Modbus-TCP-IP protocol
Independent temperature monitoring	Independent sensors can be fitted to the monitoring ports
	Recommended sensor type: PT100 Class A to EN60751
	Maximum diameter: 2.51 mm

POWER

Power requirements	100 – 240 V~, 50/60Hz, 2 A
Internal battery specification	Gelled sealed lead acid battery 12V x 12 Ah
Battery hold-up time	2 hour backup