



BLOOD AND FLUID WARMER



📍 407-412, 4th Floor, Span Centre,
South Avenue, Santacruz (W),
Mumbai - 400 054, India.

☎ +91 22 62396666 / +91 9321759250

✉ biox@biox.co.in

🌐 www.biox.co.in



BLOOD AND FLUID WARMER

Bio-X is the authorized channel partner for Blood Warmer from Keewell Medical Technology. The Blood and Infusion Warmer can be used in all cases in which hypothermia of the patient through cold transfusions and infusion solutions is to be prevented. The intelligent control circuit of the device operates and deals with the temperature signal that is sent by high-precision sensor, and continually adjusts heating state, in order to rapidly keep the surface temperature of the heat exchanger at the set temperature. At the same time, the heat is transferred into the flowing liquid in the tubing that is placed in the grooves of the heat exchanger, to increase the temperature of the liquid. There are dual independent temperature protections inside the device to ensure the security of use.

FT 2800, FT 1800 & FT 800 comes with an external warming profile for better accuracy. QW618 requires a special extra-long IV set.



MODEL	FT2800	FT1800	FT800	QW618	QW3
Temperature Setting	33°C — 41°C	33°C — 41°C	39°C	37°C-42°C	37°C — 42°C (0.1°C increments)
Power Supply	AC 100~240 V / 50-60 Hz	AC 230 V / 50-60 Hz	AC 230 V / 50-60 Hz	AC 230 V ± 10% 50-60 Hz	AC 230 V / 50-60 Hz
Power Consumption	Max. 180VA	Max. 120VA	Max. 120VA	Max. 250VA	Max. 80VA
Type Of Protection Against Electric Shock	Class I	Class I	Class I	Class I	Class I
Degree Of Protection Against Electric Shock	BF Applied Part, Defibrillation-Protected	BF Applied Part, Defibrillation-Protected	BF Applied Part, Defibrillation-Protected	Type B	BF Applied Part, Defibrillation Protected
Defibrillation	Protected	Protected	Protected	Protected	Protected
Degree Of Protection Against Ingress Of Liquids	IPX2	IPX2	IPX2	IPX4 Splash Proof	1PX1
Temperature Accuracy	± 1.0°C	± 1.0°C	± 1.0°C	± 0.5°C	± 1.0°C
Overheat Protection	42°C / 43°C	42°C / 43°C	42°C / 43°C	43°C/ 45°C / 48±3°C	43 /45 / 48±3
Low Temperature Alarm	32°C	32°C	33°C	36°C	36°C
Warming Up Time	From 20°C to 36°C Approx. 2min.	From 20°C to 36°C Approx. 2min.	From 20°C to 36°C Approx. 2min.	<45 sec (20°C-30°C)	From 20°C to 36°C Approx. 2min.
Operating Mode	Continuous	Continuous	Continuous	Continuous	Continuous
Dimensions	200x130x250 mm	85x 65x175 mm	85x 65x175 mm	100x170x210 mm	85x 65x175 mm
Weight	2.30Kg	1.20Kg	1.20Kg	1.30Kg	0.7kg
Warming Profile	Length 1400 mm; Compatible to IV Tube 3.5-5.0 mm O.D	Length 1400 mm; Compatible to IV Tube 3.5-5.0 mm O.D	Length 1400 mm; Compatible to IV Tube 3.5-5.0 mm O.D	NA	NA
Flow Rate	Individual Warming Profile- 1.5L/H Both Warming Profiles Combined 3L/H	1.5L/H	1.2L/H	6L/H	1L/H