



# Blood & Infusion Warmer

Care Your Health  
See More Happiness

# BLOOD & INFUSION WARMER

## BAREN800

**Effective, safe and easy to operate device for all medical departments:**

- Blood transfusion / infusion during or after operation
- Routine blood transfusion and infusion in the clinical setting
- Enteral and parenteral nutrition
- Infusion to children and neonates
- Normal infusion in cold conditions

Standard infusion tube for medical fluids or blood

Microprocessor control

Actual heating temperature monitoring

One-touch-control

Holder for warming profile

Visual check of the infusion flow from the opening

Electric warming profile controlled by sensors

Cable to warming profile

Optimal heating up to the patient

# BLOOD & INFUSION WARMER BAREN800

## FEATURES

### Heating up to the patient:

- IV tube is completely wrapped in, no heat loss

### One-touch-control:

- Temperature automatically controlled
- Actual heating temperature in real time displayed

### Safety features:

- Permanent running self-tests
- Double independent over-heating protections and automatic cut off
- Visual and acoustic alarm for high temperature / low temperature/sensor fault

### Advanced dry heating technology:

- Quick warming up and effective heating

### Open system:

- Accepts standard IV tube, no special disposables needed
- The most economical warming solution without extra consumable costs

### Easy to operate:

- quick & simple installation
- 24 hours continuous operation

## TECHNICAL SPECIFICATIONS

Model:	BAREN800
Temperature setting:	39°C ex-works
Power supply:	AC 220V-240V, 60Hz
Power consumption:	Max. 120VA
Type of protection against electric shock:	Class I
Degree of protection against electric shock:	BF Applied part; Defibrillation-protected
Degree of protection against ingress of liquids:	IPX2
Temperature accuracy:	±2.0°C
Overheat protection:	42°C/43°C
Low temperature alarm:	33°C
Warming up time:	From 20°C to 36°C approx.2 min.
Operating mode:	Continuous
Dimension (W*D*H):	85×65×175mm
Net Weight:	1.2kg
Warming profile:	length 1400mm; compatible to IV tube 3.5-5.0mm O.D. Contact the supplier for other options

\* Subject to technical modifications without notice





# BLOOD & INFUSION WARMER

## BAREN1800

High accurate, intelligent microprocessor controlled device for all medical departments:

- Blood transfusion / infusion during or after operation
- Routine blood transfusion and infusion in the clinical setting
- Blood return feeds / dialysis fluids
- Enteral / parenteral nutrition and rinsing solutions
- Infusion to children and neonates

Standard infusion tube for medical fluids or blood

Microprocessor control

Big LED screen showing operating information and fault situation

Holder for warming profile

Visual check of the infusion flow from the opening

Electric warming profile controlled by sensors

Cable to warming profile

Optimal heating up to the patient





# BLOOD & INFUSION WARMER

## BAREN1800

### FEATURES

#### User friendly interface:

- Big LED screen showing set temp., actual temp., heating time and fault situation

#### Heating up to the patient:

- IV tube is completely wrapped in, no heat loss

#### Safety features:

- Permanent running self-tests
- Double independent over-heating protections and automatic cut off
- Visual and acoustic alarm for high temperature / low temperature/sensor fault

#### Advanced dry heating technology:

- Quick warming up and effective heating

#### Open system:

- Accepts standard IV tube, no special disposables needed
- The most economical warming solution without extra consumable costs



Infusion stand not included in delivery

### TECHNICAL SPECIFICATIONS

Model:	BAREN1800
Temperature setting:	33-41°C
Power supply:	AC 220V-240V, 60Hz
Power consumption:	Max. 120VA
Type of protection against electric shock:	Class I
Degree of protection against electric shock:	BF Applied part; Defibrillation-protected
Degree of protection against ingress of liquids:	IPX2
Temperature accuracy:	±1.0°C
Overheat protection:	42°C/43°C
Low temperature alarm:	32°C
Warming up time:	From 20°C to 36°C approx.2 min.
Operating mode:	Continuous
Dimension (W*D*H):	85x65x175mm
Net Weight:	1.2kg
Warming profile:	length 1400mm; compatible to IV tube 3.5-5.0mm O.D. Contact the supplier for other options

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# BLOOD & INFUSION WARMER

## BAREN2800

High performance dry heater for warming of:

- Infusion fluids
- Blood transfusion and blood products
- Blood return feeds / dialysis fluids
- Enteral/parenteral nutrition and rinsing solutions



Microprocessor control

Standard infusion tube for medical fluids or blood

Big LED screen showing operating information and fault situation of each channel

Holder for warming profile

Visual check of the infusion flow from the opening

Electric warming profile controlled by sensors

Cable to warming profile

Optimal heating up to the patient



# BLOOD & INFUSION WARMER BAREN2800

## FEATURES

### Technology of control:

- Microprocessor integrated with temperature sensors provides high precise control

### Safety system:

- Permanent running self-tests, 24 hours continuous operating
- Double independent over-heating protections and automatic cut off
- Visual and acoustic alarm for high temperature / low temperature/sensor fault

### Dual channels:

- Each channel can work independently with own temp. setting and temp control
- Two channels can be combined to enlarge the warming capacity

### Heating up to the patient:

- IV tube is completely wrapped in, no heat loss

### User friendly interface:

- Big LED screen showing set temp., actual temp., heating time and fault situation
- Easy and quick to set up, ready to use within minutes.

### Open system:

- Accepts standard IV tube, no special disposables needed

## TECHNICAL SPECIFICATIONS

Model:	BAREN2800
Temperature setting:	33 - 41°C
Power supply:	AC 220V-240V, 60Hz
Power consumption:	Max. 180VA
Type of protection against electric shock:	Class I
Degree of protection against electric shock:	BF Applied part; Defibrillation-protected
Degree of protection against ingress of liquids:	IPX2
Temperature accuracy:	±1.0°C
Overheat protection:	42°C/43°C
Low temperature alarm:	32°C
Warming up time:	From 20°C to 36°C approx. 2 min.
Operating mode:	Continuous
Dimension (W*D*H):	200x130x250mm
Net Weight:	2.3kg
Warming profile:	length 1400mm; compatible to IV tube 3.5-5.0mm O.D. contact the supplier for other options

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Infusion stand not included in delivery

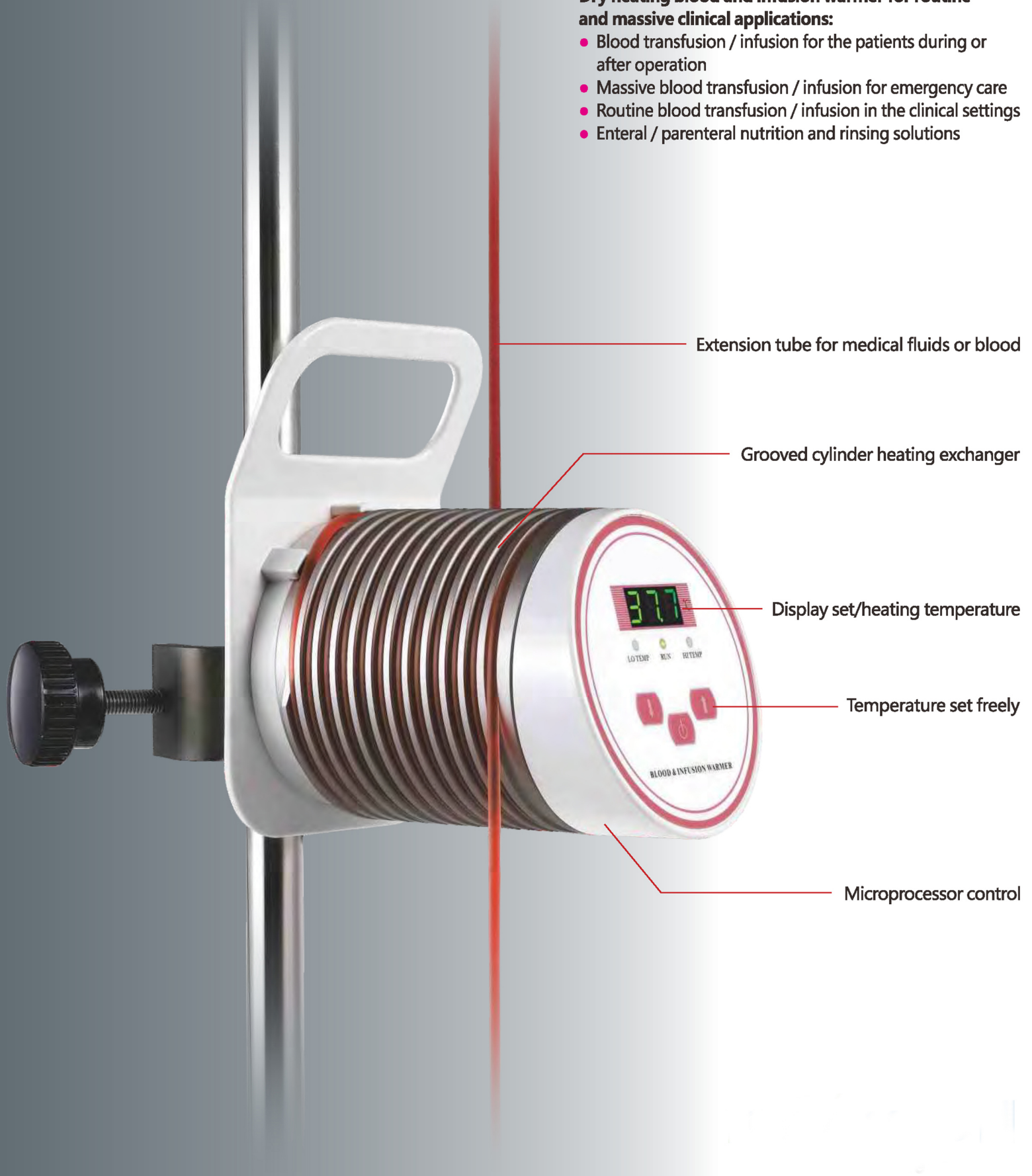


# BLOOD & INFUSION WARMER

## BAREN618

**Dry heating blood and infusion warmer for routine and massive clinical applications:**

- Blood transfusion / infusion for the patients during or after operation
- Massive blood transfusion / infusion for emergency care
- Routine blood transfusion / infusion in the clinical settings
- Enteral / parenteral nutrition and rinsing solutions



Extension tube for medical fluids or blood

Grooved cylinder heating exchanger

Display set/heating temperature

Temperature set freely

Microprocessor control

# BLOOD & INFUSION WARMER

## BAREN618

### FEATURES

#### Technology of control:

- Microprocessor system integrated with sensors provides high precise control, permanent running self-tests and malfunction alarms

#### Low cost disposables:

- Grooved dry heating cylinder enables to use standard extension tube or routine IV tube at slow fluid rate

#### Accurate temperature monitoring:

- Three sets of independent temperature sensor and numerical display for real-time temperature or set temperature in 0.1°C

#### Multiple protections for high safety:

- High temperature cut-off, low temperature alarm and sensor fault alarm

#### Unique high temperature alarm testing function:

- Extra safe in use and easy for maintenance

#### Warming capacity:

- Up to 6000ml/hour (flow rate kvo – 100ml/min)

#### Good for simultaneous warming multiple infusions

#### Quick warming up & 24 hours continuous operating



Infusion stand not included in delivery

### TECHNICAL SPECIFICATIONS

Model: BAREN618

Temperature setting: 37 - 42°C

Power supply: AC 220V-240V, 60Hz

Power consumption: Max. 250VA

Type of protection against electric shock: Class I

Degree of protection against electric shock: Type B

Degree of protection against ingress of liquids: IPX4 splash proof

Temperature accuracy:  $\pm 0.5^{\circ}\text{C}$

Overheat protection: 43°C/ 45°C/48 $\pm$ 3°C

Low temperature alarm: 36°C

Warming up time: <45sec (20°C - 36°C)

Operating mode: Continuous

Dimension (W\*D\*H): 100x170x210mm

Net Weight: 1.3kg

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