

TECHNICAL SPECIFICATION

Product Name	4 Ch. Tourniquet w/Touch
Model	TRQ-2024
Rev. No.	00
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Category	Characteristic	Explanation
General	Number of Channels	Four Channel (2-2 Independent control)
	IVRA Mode	Available
	SELF-CHECK	Automatic hardware check, can be skipped at the user's request
	Air Supply	Built-in air pump (1.5 bar \pm 1), 6 L/m flow
Electricity & Power	Power Input	110–240V AC, 50–60 Hz
	Nominal Current Range	0.125–0.3 A
	Battery	Built-in Li-ion, about 20 hours of operation
	Battery Indicator	Can be viewed on the screen
Technical Classification	Classification of Electric Protection	Class I
	Risk Class	Class II-a
	Applied Part Classification	Type BF
Display & Interface	Screen Type	7" TFT, 800x480 pixels, capacitive, touch and color
	Control	Membrane keypad
	Brightness	Can be adjusted gradually
	Control	All settings can be made via the touch screen
	Alarm Control	Silence button, 120 sec silence
	Screen Lock	After 30 seconds, it will automatically lock, slide it open; Can be disabled
Pressure & Time	Pressure Range	20–650 mmHg, 5 mmHg stepped
	Timeframe	2–240 minutes, 1 min step
	Last Setting Memory	Keeps last used values in memory
	Saved Settings	4 pressure and 4 time values can be stored
	Scheduler	Forward/countdown; Automatically activated by cuff pressure
	IVRA Status	The active/passive status is shown on the display
Alarm System	End Warning	The default is 1 minute to go; Duration is subject to change by the user
	Timeout Alarm	If the process does not end, it will give an audible warning every 15 seconds
	Types of Alarms	Low battery, air leakage, timeout, etc.
	Alarm Display	Audio and visual; Error codes are displayed on the screen
	Alarm Sound Setting	Can be adjusted gradually
Settings & Registration	Setting Options	Volume, brightness, language, date/time, alarm duration, screen lock
	Patient Records	Pressure and alarm history of the last 5 patients
	Alarm Log	Record of the last 10 alarms with date/time and type

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	Error Codes	Errors are indicated by code on the screen; Definitions are included in the manual
Carrying Stand	Trunk	Aluminum+plastic
	Wheel	2 with brakes + 3 without brakes
	Weight	≤ 9 kg
	Dimension	112x65x65 cm, Basket: 10x32x20 cm
	Hose Holder	Special compartments on the edge of the basket
Size & Case	Device Size	275x235x265 mm (±10 mm)
	Case Weight	≤ 4 kg
	Material	ABS plastic
Accessories	Single Cuffs	8", 12", 15", 18", 24", 30", 34", 38", 44"
	Conical Cuffs	34", 42"
	IVRA Cuffs	14", 20", 26"
	Other Accessories	Intermediate hose
	Optional Accessories	Transport stand
	Leak-proof Connection System	The one-handed POM connection coupling is leak-proof and safe
	Spare Fitting	Fasteners are available separately as spare parts
Environmental Resistance	Temperature Range	-10°C to +70°C
	Moisture Resistance	5% to 90%
	Compressive Strength	50–106 kPa
Certificates	CE	Available
	ISO 13485	Available
Warranty	Apparatus	1 Years
	Spare Parts	10 Years
	Cuffs	Washable/Autoclavable (Not Guaranteed)