



## Specifications

Items		Description
Ultrasound	Working frequency	1.0MHz±10%
	Maximum value of power output	9.60W±20% (Duty cycle: 100%)
	Power output	L: 2.88W±20% M: 3.84W±20% H: 4.80W±20%
	Modulate frequency	50Hz±10%
	Modulate duty cycle	Adjustable, L (30%) , M (40%) , H (50%)
	Effective radiation area	4.0cm <sup>2</sup> ±20%
	Maximum effective sound intensity	2.4W/cm <sup>2</sup> ±20%(Duty cycle: 100%)
	Max RBN	5.0
	Beam type	Collimated
	Material of the ultrasound head	Aluminium
	Working voltage	15VDC
	Working current	Working current less than 1.0A, Static current less 80mA
	Working time	Adjustable, 5min, 10min, 15min
	Maximum controlled temperature of the ultrasound	42±2℃
	Size	202mm(L)x49mm(W)x70mm(H)
	Safety style	Class IIa, BF-type
Adapter	Input voltage	Voltage: 100--240V Frequency: 50HZ/60HZ
	Output parameter	Output voltage: 15VDC, Maximum current: 1.2A
	Weight	120g
	Size	64mm(L)x50mm(W)x26.5mm(H)
	Note:	The user must buy the medical power with related certificates according to medical instrument requirements.
Button	TIME button	Working time: 5min—10min—15min—0min (stop)
	MODE button	Duty Cycle: 30%--40%--50% cycle
Indicator light	Time indicator light	5, 10, 15 time indicator light
	Duty cycle indicator light	L, M, H duty cycle indicator light
Working environment	Temperature 5 ~ 40℃, Humidity: 30 % ~ 75 % , Air pressure: 800 ~ 1060hPa	
Stock environment	Temperature-10 ~ 50℃, Humidity: 20 % ~ 93 % , Air pressure: 700 ~ 1060hPa	
Instructions	<p><b>Standby state</b></p> <p>Turn on the device, the power indicator light is on. The default modulate duty cycle is 30%, indicator light of "L" level is on; When the default working time becomes 0, the indicator light is off.</p> <p>1. Press <b>【MODE】</b> button, Modulate duty cycle is adjustable (30%, 40%, 50%).</p>	

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2. Press button [TIME] and set the working time to 5 minutes, the time indicator light is on, the device starts working.

While the device is working, if it cannot detect the load, the time indicator light will flash one time in every interval. When the temperature of the ultrasound head goes too high, the time indicator light will flash two times in every interval. When the device times down to 0, it stops working and goes into standby mode.

1. Press button [MODE], duty cycle (30%, 40%, 50%).
2. Press button [TIME], adjust the time, when it reaches 0, the device goes into standby mode.

## Accessory

Name	Qty'
UT1032 handle	1pcs
Adapter	1pcs
Ultrasound gel	50g
Instruction manual	1pcs

## Safety Testing Standard

According to the request of IEC/EN 6601-1, IEC/EN 60601-2-5, IEC/EN61689.

## EMC Testing Standard

According to the request of EC 60601-1-2:2001/DIN VDE 0750 Part1-2.

## Protection Level

According to the degree of IPX7 protection against ingress of water (Put the ultrasound head into the water for 24 hours and no water ingress into the device).

## Classify of products

Class IIa (Directive 93/42/EEC)