

Therapeutic Ultrasound

Sonicator® Therapeutic Ultrasound

Sonicator devices feature detachable applicator cables, continuous and pulsed modes, built-in applicator cradles and a two-year limited warranty with one-year warranties on the applicators and cable.

Direct Crystal-to-Patient Contact

All Sonicator 740 ultrasound applicators feature unique crystal-to-patient technology that delivers ultrasound directly to the patient without a metal interface as well as watertight characteristics for underwater therapy.

Depth of Penetration

Arrows indicate the relative depth of ultrasound penetration between 1 MHz and 3.3 MHz frequencies.

Contact Monitoring

The 5 and 10 cm² applicators feature a bright blue contact indicator so that the clinician can monitor ultrasound coupling from both the applicator and the unit during treatment using either the indicator on the applicator or the unit itself.

Sonicator® 740x

The Sonicator 740x has all the features of the Sonicator 740 but comes standard with all three available applicators—a 5 cm² dual frequency applicator, a 10 cm² / 1 MHz applicator and a 1 cm² / 3.3 MHz applicator. All three applicators can be stored on the unit itself to keep them available at all times. The optional rechargeable battery pack that allows you to take therapy on the road.

Weight : 3.75 lbs. (1.7 kg.) without battery 4.5 lbs. (2.0 kg.) with battery

Dimensions : 13.5 in. (L) x 9.5 in. (W) x 7 in. (H), (34 cm (L) x 24 cm (W) x 18 cm (H))

Sonicator® 740

A dual frequency therapeutic ultrasound that comes with a 5 cm² dual frequency applicator

The Sonicator® 740 is light-weight and portable and features a universal applicator cable to make changing applicators quick and easy. There is an optional rechargeable lithium ion battery pack that truly allows you to take therapy on the road with you. Large soft-touch controls set up treatments quickly and easily with a backlit display showing all treatment parameters and conditions. **Weight:** 3.75 lbs. (1.7 kg.) without battery 4.5 lbs. (2.0 kg.) with battery

Dimensions : 13.5 in. (L) x 9.5 in. (W) x 7 in. (H) (34 cm (L) x 24 cm (W) x 18 cm (H))

Warranty: 2 years, 1 year on applicators

Feature :

- Sleek new design
- Easy-to-see backlit display
- Soft-touch controls
- Blue coupling indicator on the 5 and 10 cm² applicators
- Optional battery
- A place to store all three applicators on the unit at the same time
- Universal applicator cable
- Increased pulse mode options – 10, 20, 50 and 100%
- Continuous monitoring of performance with diagnostic error codes



Therapeutic Ultrasound

Sonicator® 718

Revolutionary New Hand-Held Ultrasound Mettler Electronics' newest therapeutic ultrasound is the Sonicator® 718. This full-powered (2 W/cm^2 continuous, 3 W/cm^2 pulsed), new ultrasound is so portable that it fits into the palm of your hand. To get your wall-power-free experience started, it will come with a rechargeable lithium ion battery and a charger. When you are in the clinic, you can also treat patients using power from the wall. Optional items include a handy pouch with a shoulder strap for use in the field as well as a stand for use in the clinic.

- Small portable size
- Full clinical power
- Contact indicator
- One-hand operation
- Waterproof
- Rechargeable battery (included)
- Organic EL (electro-luminescent) display

Weight: 7.1 oz. (200 g)

Dimensions: 5.3 in. (H) x 2.3 in. (W) x 2.2 in. (D), (13.4 cm (H) x 5.9 cm (W) x 5.5 cm (D))

Warranty: 2 years

718

Sonicator 718, 1 MHz, 5.5 cm^2 , portable ultrasound complete with portability package that includes :

- rechargeable battery (7184)
- battery charger (7185)
- power cable (7187)
- battery case (7188)

719

Sonicator 719, 3.3 MHz, 0.9 cm^2 , portable ultrasound complete with portability package that includes:

- rechargeable battery (7184)
- battery charger (7185)
- power cable (7187)
- battery case (7188)

Sonicator 718 and 719 Specifications

Power supply	AC 100-240 V 50/60 Hz or Rechargeable Battery (optional)
Battery	Lithium ion, 7.4 VDC (Model No.:7184)
Power	50 VA, (17 VA, Sonicator 719)
Consumption	
Ultrasound	1.0 MHz, (3.0 MHz, Sonicator 719)
Frequency	
Intensity (max)	$2.00 \text{ W / cm}^2 \pm 20\%$ continuous or $3.00 \text{ W / cm}^2 \pm 20\%$ pulsed
Duty	5%, 10%, 20%, 30%, 40%, 50%, 100%
Pulse frequency	$100\text{Hz} \pm 5\%$
Timer	30 min. \pm 1 min.
ERA	5.5 cm^2 , (0.9 cm^2 , Sonicator 719)
BNR	3.5, (3.6, Sonicator 719)
Classification	Class I / Internally powered equipment, Type BF

