



Super Sonic Transports.

Ready to go anywhere, these affordable Sonicators are super ultrasound values.

Why? Because the Sonicator® 715 and 716 are packed with performance advances. Like self-tuning circuitry to maximize ultrasound transmission. Surface mount technology to improve reliability. Microprocessor control for safe and easy operation.

Plus, old-fashioned Mettler quality that's backed by a two-year limited warranty.*

With its compact 5 cm² transducer, the Sonicator 715 is ideal for maneuvering around narrow or angular anatomy. The small

transducer maintains good skin contact and optimizes ultrasound transmission even in hard-to-treat areas like ankles or feet.

For more general ultrasound applications, the Sonicator 716 features a larger, 10 cm² applicator. It's just right for treating shoulders, backs and other large, muscular areas.

Both the Sonicator 715 and 716 meet all international standards for safety. So



they can travel anywhere and deliver world-class quality and performance. For more information call 1-800-854-9305 for the name of a Mettler dealer near you.

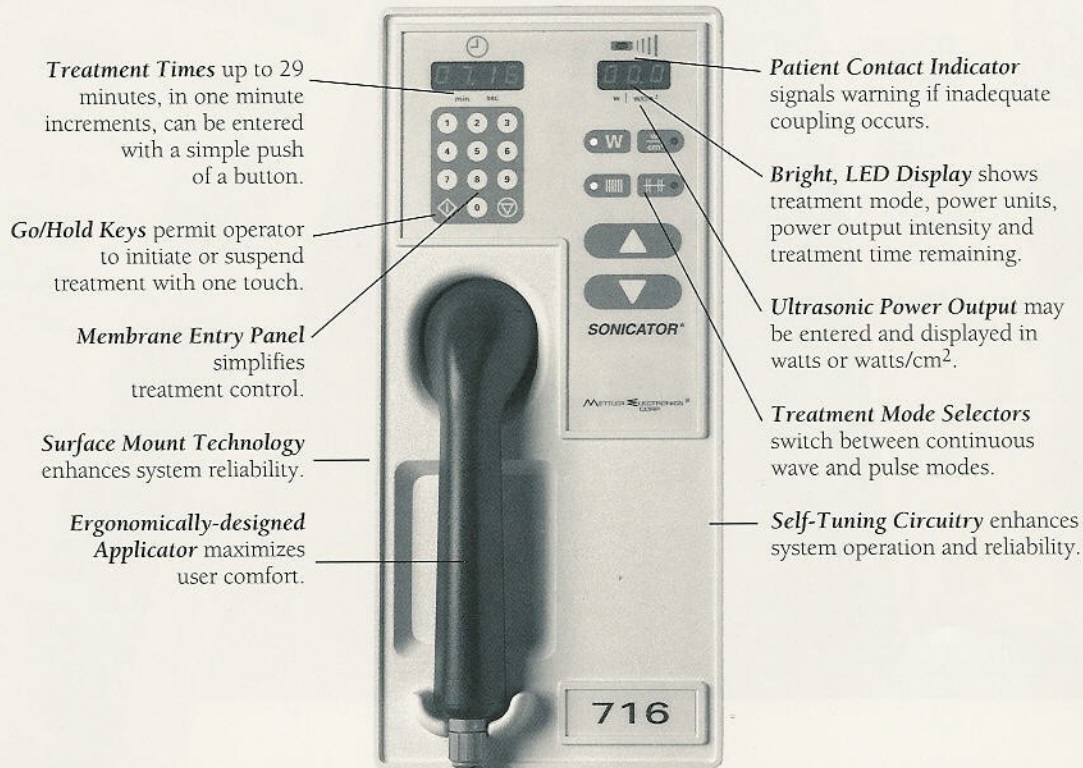
METTLER ELECTRONICS®

*One year on applicators.



Sonicator[®] 715 and 716

The Affordable, Go-Anywhere Portables.



Treatment Times up to 29 minutes, in one minute increments, can be entered with a simple push of a button.

Go/Hold Keys permit operator to initiate or suspend treatment with one touch.

Membrane Entry Panel simplifies treatment control.

Surface Mount Technology enhances system reliability.

Ergonomically-designed Applicator maximizes user comfort.

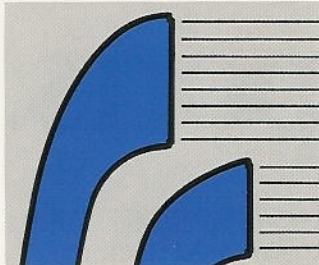
Patient Contact Indicator signals warning if inadequate coupling occurs.

Bright, LED Display shows treatment mode, power units, power output intensity and treatment time remaining.

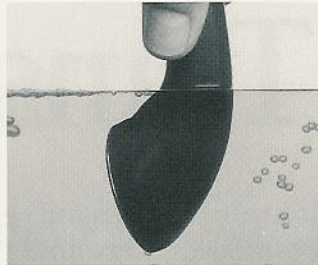
Ultrasonic Power Output may be entered and displayed in watts or watts/cm².

Treatment Mode Selectors switch between continuous wave and pulse modes.

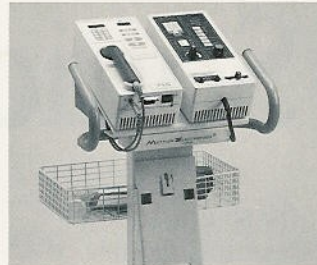
Self-Tuning Circuitry enhances system operation and reliability.



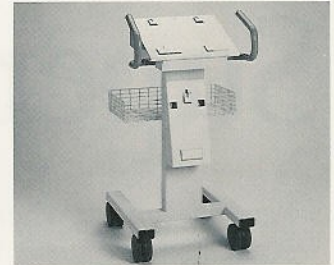
The radiating area of the Sonicator 715 applicator is 5 cm², half the size of the Sonicator 716 applicator.



Mettler ultrasound applicators feature a water-tight seal for underwater treatments.



The Sonicator 715/716 may be used to deliver combination therapy with any Sys*Stim neuromuscular stimulator.



Add a Mettler Treatment Cart to create a convenient, mobile therapy center.

Specifications

Ultrasonic Generator

Input: 115 VAC, 50/60 Hz, 0.6 amps max. Export models are also available.

Size: 4.3" (H) x 6" (D) x 13.4" (L)

Weight: 5.1 pounds

Frequency: 1.0 MHz \pm 5%

Modes: Continuous
Pulsed-20% Duty Cycle

Pulse Repetition Rate: 100 Hz

Pulse Duration: 2 msec

Maximum Output Power: 22 W (716), 11 W (715)

Maximum Intensity: 2.2 W/cm²

Ultrasonic Applicator

Piezoelectric Disc: The output transducer utilizes a barium titanate disc with a specially-coated face.

Frequency: 1.0 MHz \pm 5%

Effective Radiation Area: Sonicator 715: 5 cm² \pm 20%
Sonicator 716: 10 cm² \pm 20%

Beam Type: Collimating

Maximum Beam Non-Uniformity Ratio: 6:1

U.S. and foreign patents applied for and granted, including U.S. Patent No. 4,966,131 and 5,095,890

METTLER ELECTRONICS[®]
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