

FAST



FAST® TECHNICAL DATA

MECHANICAL CHARACTERISTICS

Dimensions - L x W x H.....	100 x 80 x 30 mm
Generator weight	140g

CHARACTERISTICS OF THE SIGNAL PILOTING THE TRANSDUCTOR

Ultrasound frequency	1.5 MHz \pm 2%
Duty Cycle	200 μ s \pm 2%
Repetition rate	1.0 kHz \pm 2%
Temporal average power	149 mW \pm 5%
Effective Radiating Area - ERA	5.1 cm ² \pm 8%
Beam non-uniformity ratio (BNR)	4.3 \pm 18%
Temporal maximum power	3.7 mW \pm 8%
SATA	29.2 mW/cm ² \pm 12%
SATM	730 mW/cm ² \pm 12%

ELECTRICAL SAFETY

FAST® is a highly reliable device, manufactured following the most severe European directives on safety. It is built in compliance with IEC 601-1 directives, its electrical safety is homologated by IMQ, it respects the requirements of the 93/42/CEE medical directive and is marked CE0051.