


# Sonicator<sup>®</sup> 718 Specifications

<b>Power supply</b>	AC 100-240 V 50/60 Hz or Rechargeable Battery (optional)			
<b>Power consumption</b>	50 VA			
<b>Ultrasound frequency</b>	1.0 MHz $\pm$ 10%			
<b>Intensity (max)</b>	2.00 W / cm <sup>2</sup> $\pm$ 20% continuous or 3.00 W / cm <sup>2</sup> $\pm$ 20% pulsed			
<b>Duty</b>	5%, 10%, 20%, 30%, 40%, 50%, 100%			
<b>Pulse frequency</b>	100Hz $\pm$ 5%			
<b>Timer</b>	30 min. $\pm$ 1 min.			
<b>ERA</b>	5.5 cm <sup>2</sup> $\pm$ 20%			
<b>BNR</b>	3.5 $\pm$ 30%			
<b>Output stability</b>	Power fluctuation: $\pm$ 20% Variability with time: $\pm$ 20%			
<b>Classification</b>	Class I / Internally powered equipment, Type BF			
<b>Dimensions</b>	5.3 (H) x 2.3 (W) x 2.2 (D) inches			
<b>Weight</b>	7.1 oz.			
<b>Environmental conditions:</b>		Temperature	Humidity	Pressure
	<b>In use</b>	50 to 104°F	30 to 75 %	20.7 to 31.3 inches
	<b>Storage</b>	14 to 140°F	30 to 95 %	20.7 to 31.3 inches
	<b>Transportation</b>	-14 to 140°F	30 to 95 %	20.7 to 31.3 inches
<b>Authorization in U.S.A. and Canada</b>	INTERTEK LISTED  Intertek 3123653			

\* 3.3 MHz / 0.9 cm<sup>2</sup> available on Sonicator 719



**Mettler Electronics Corp.**