

Horn Analyzer — Master Tuner 3000**Introduction:**

apsonic GmbH Horn Analyzer Master Tuner 3000 is easy to use Tuning Meter for Manufacturing of Ultrasonic Horns. The Horn Analyzer can handle Vibration Systems in the Range of 10.000 – 90.000 kHz. After you have set the Scanning Range for example 19.000 - 21.000 kHz, the Horn Analyzer is Scanning the set Range.

Only need to press start and the Horn Analyzer is scanning automatically!

The Horn Analyzer will display up to four Resonant Points within the set Range. Each Point got an Frequency and Impedance Information. The best Resonant Point will be displayed in big Letters.

Technical data:**Master Tuner 3000**

Size	W 155 x L 210 x H 100 mm
Weight	1100 g
Voltage	12 V DC/ 1A
Frequency range	10.000-89.999 kHz
Resolution	1 Hz
Accuracy	1 Hz
Display	LCD 160x100 with backlight
Keyboard	19 keys

Cable

Type	Coax RGU 58
Length	1 m
Connection to Master Tuner	Coax
Connection to Vibrating Unit	Crocodile clamps
Other type is upon request.	

Power Supply

Size	W 55 x L 100 x H 35 mm
Weight	200 g
Input voltage	90-240V/ 50-60Hz
Output voltage	12 V DC /1.3A