



HORTMANN Airmatic

Air Caloric Stimulator

The HORTMANN Airmatic air caloric stimulator provides a precise, convenient and safe means of delivering caloric stimulation for vestibular testing. Proven in practical use thousands of times over, the Airmatic guarantees a high degree of reproducibility thanks to constant regulation of temperature and air flow. Stimulus with air offers a number of advantages over water: no water supply nor drain is required, and caloric tests can be performed on patients with perforated eardrums.

- The handpiece is well balanced and shaped to facilitate accurate direction of the airstream at the tympanic membrane.
- Air temperature can be adjusted in 1°C increments and is controlled electronically.
- The duration of each irrigation is controlled by a digital timer.



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Technical specifications

Air flow rate	5 l/min. (+0.2 / -0.4 l/min.)
Air temperature	Cold: 20°C - 39°C Warm: 30°C - 47°C in each case in 1°C increments
Temperature display	13 mm LED
Resolution	0.5°C
Lowest temperature	Ambient temperature + 1°C
Duration	30 sec. or 45 sec.
Temperature deviation	< + 1°C
Power supply	230V / 50 Hz / (110 V / 60 Hz optional)
Dimensions	310 x 450 x 160 mm (W x D x H) 12.2" x 17.7" x 6.3"
Weight	6.0 kg, 13.2 lbs.
Safety	Complies with EN 60601-1: Edition 03/96
Protection class	Protection class 1, unit type B

Details about the Video Target System and the PDS 12 Rotary Reclining Chair System can be found in our HORTMANN Vestilab brochure.

For further information, please contact:

GN Otometrics