Baird Medical

Baird microwave ablation (MWA) generator

Integrated control, cooling, and monitoring for image-guided soft-tissue ablation.

Intuitive control with real-time feedback

Set power, time, and output mode while viewing pump status, needle-shaft temperature, and alerts on one screen.

No grounding pad required

MWA does not require a patient-return electrode, eliminating the grounding-pad placement step in procedure setup.[1]

Integrated cooling with output interlock

Built-in pump control supports water or saline circulation through Baird MWA needles. Microwave output remains disabled until cooling circulation is running.

Reference: 1. Lubner MG, et al. J Vasc Interv Radiol. 2010;21(8 Suppl):S192–S203.

Baird MWA generator at a glance

Hands-free foot-switch microwave output control

Real-time needle-shaft temperature monitoring

Integrated pump for MWA needle cooling

Touchscreen power, time, and mode control

Product specifications

Microwave frequency	2450 MHz ± 25 MHz
Adjustable output	0-70 W*
Output modes	Foot · Continuous · Pulse
Cooling	Built-in peristaltic pump; distilled water or saline
Needle-shaft temperature safeguard	Audible alert above 41 °C; automatic microwave output cutoff at 45 °C
Power requirements	100–240 V~, 50/60 Hz, 500 VA
Dimensions (L x W x H)	41 × 43 × 15.5 cm / 16.1 × 16.9 × 6.1 in
Weight	11 kg / 24.3 lb

*Maximum output varies by compatible Baird MWA needle series; T-series up to 60 W, L-series up to 70 W.

Manufactured by Betters (Suzhou) Medical Co., Ltd. U.S. sales and support by Baird Medical LLC.

Indications & safety

For healthcare professionals. Rx only. The Microwave Ablation System (BD-GT) is indicated for coagulation (ablation) of soft tissue and is not intended for cardiac use. Contraindicated in patients with massive bleeding tendency; not recommended for pregnant women; use caution in patients with severe coagulation dysfunction. Potential complications of thyroid ablation reported in published literature include pain, bleeding or hematoma, swelling, thyroid-function changes, voice changes, and injury to nearby structures.[2] See the current IFU for complete indications, contraindications, warnings, precautions, and operating instructions. Individual outcomes may vary.

Reference: 2. Sinclair CF, et al. Thyroid. 2023;33(10):1150–1170.

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