

8MHz

Catalog No.	Description
108910	8 MHz vascular Doppler unit
108260	8 MHz vascular probe
138210	8 MHz Kelly endonasal probe



Dimensions: 4.25"x3.75"x5.35"
(105mm x 95mm x 135mm), nom.
Weight: 1.4 lbs., (0.6kg), nom.
Transmission frequency: 8 MHz
Power: 8 AA Alkaline Batteries
10 hours, nom. (standby mode, full volume)



8 MHz vascular probe

- Packaged four to a box
- Sterile disposable
- 158.75 working length, 159mm overall
- Straight design, 3mm tip



8 MHz Kelly endonasal probe

- Packaged four to a box
- Sterile disposable
- 133.35 working length, 267 mm overall
- Bayoneted, 2mm tip
- Last 10mm of tip bent at 10 degrees

20MHz

Catalog No.	Description
07-150-02	20MHz Doppler transceiver unit
07-150-07	20MHz probe
108650	20MHz micro probe



Dimensions: 4.25"x3.75"x5.35"
(105mm x 95mm x 135mm), nom.
Weight: 1.4 lbs., (0.6kg), nom.
Transmission frequency: 20MHz
Power: 8 AA Alkaline Batteries
10 hours, nom. (standby mode, full volume)



20 MHz probe

- Packaged four to a box
- Sterile disposable
- 140 working length, 280mm overall
- Bayoneted, 2mm tip



20 MHz micro probe

- Packaged four to a box
- Sterile disposable
- 140 working length, 280mm overall
- Bayoneted, 0.8mm tip

Mizuho America, Inc.
133 Brimbal Avenue
Beverly, MA 01915
mizuho.com

Call Toll-free:: 800 699 2547
email:: mizuho@mizuho.com

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The Mizuho 8 MHz & 20 MHz Surgical Doppler Systems



The Mizuho 8 MHz Surgical Doppler System and the Mizuho 20 MHz Surgical Doppler System are essential tools for intraoperative use in neurosurgical and vascular applications.

The Mizuho 8 MHz Surgical Doppler System

The Mizuho 20 MHz Surgical Doppler System

The essential and cost effective intraoperative vascular instrument that provides you with the sound information you need

The Mizuho 8 MHz Surgical Doppler System is an easy-to-use, portable, audio blood flow detector that identifies and assesses critical blood vessels. The system's disposable probes, along with the 8 MHz Transceiver, is specifically designed for delicate surgical procedures. The sterile, single-use probes help ensure patient safety while offering you substantial efficiency and convenience.



The 8 MHz surgical Doppler system

OR teams appreciate the many benefits of the Mizuho 8 MHz Surgical Doppler System

- Real-time arterial and venous audio feedback
- Always ready to use, sterile probes
- Specifically designed for intraoperative use
- Allows technical verification of anastomoses
- Eliminates probe failure due to reprocessing
- Disposable probes maximize cost effectiveness
- Allows technical verification of endarterectomies
- Single-patient use, sterile probes optimize safety and convenience
- Allows assessment of flap viability
- Economical and easy to use

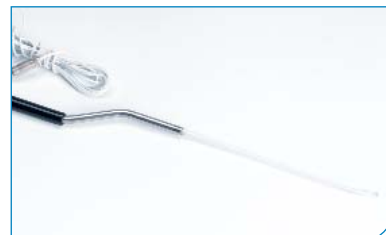
The Vascular 8 MHz Doppler Probe

During carotid surgery, the Mizuho 8 MHz Surgical Doppler System aids in technical verification of the endarectomy.



The Kelly Endonasal 8 MHz Doppler Probe

This highly sensitive, low-profile Doppler probe allows real-time carotid localization for microscopic and endoscopic transsphenoidal procedures.



The 20 MHz surgical Doppler system

The Mizuho Surgical Doppler confirms

The Mizuho Surgical Doppler confirms the results of surgical intervention during the procedure and helps save time and money in reducing the need for angiograms. The unique features of the Mizuho Surgical Doppler make it ideal for intraoperative use in neurosurgical and vascular applications. Unlike a common pocket Doppler, the Mizuho Surgical Doppler operates at a very high frequency of 20 MHz. This means the probe tip emits a tightly focused signal with a very shallow depth of penetration.

OR teams appreciate the many benefits of the Mizuho 20 MHz Surgical Doppler System

- Locates feeder artery in AVM
- Determines completeness of aneurysm clipping
- Confirms patency of major venous sinuses
- Locates vessels noted on angiogram
- Determines patency of parent vessel after aneurysm clipping
- Confirms patency of microvascular anastomoses

The 20 MHz Surgical Probe

The Mizuho 20 MHz Surgical Doppler probe is easy to use. The probe tip is 2mm in diameter, making it extremely precise, while not taking up the whole field of view.



The 20 MHz Surgical Micro Probe

Although similar to the 20 MHz Surgical Doppler Probe, the bayonet handle probe features a low profile tip which has a diameter of 0.8mm. This allows for optimal visibility around the surgical site.

