Mizuho Vascular Doppler Systems
Intraoperative essentials for neurosurgical and vascular procedures
The Mizuho 8 MHz Vascular Doppler System

This easy-to-use, portable, audio blood flow detector is ideal for intraoperative feedback during delicate surgical procedures. It instantly identifies and provides assessment of critical blood vessels when you need it most. Sterile, consumable probes offer patient safety and OR team convenience.

Mizuho 8 MHz Transceiver

- Provides real-time arterial and venous feedback
- Designed for efficient, intraoperative use
- Allows technical verification of anastomoses and endarterectomies
- Supports assessment of flap viability
- Eliminates probe failure due to reprocessing action

Mizuho 8 MHz Probe

- Supports technical verification of the endarterectomy during carotid surgery
- Consumable probes optimize patient safety and OR team efficiency

Kelly Endonasal 8 MHz Probe

A highly-sensitive, low-profile doppler probe that allows real-time carotid localization for microscopic and endoscopic transphenoidal procedures.
The Mizuo 20 MHz Vascular Doppler System

This Doppler System operates at a high frequency of 20 MHz to emit a tightly focused signal even with a shallow depth of penetration. It is an ideal system that confirms the results of surgical intervention for both neurosurgical and surgical procedures.

Mizuho 20 MHz Transceiver

- Locates feeder artery in AVM
- Verifies quality of aneurysm clipping
- Confirms patency of major venous sinuses
- Locates vessels noted on angiogram
- Determines patency of parent vessel post aneurysm clipping
- Validates patency of microvascular anastomoses

Mizuho 20 MHz Probe

- 2mm probe tip
- Extremely precise positioning
- Malleable tip
- Easy to use

Mizuho 20 MHz Probe, Slim Handle

- 2mm probe tip
- Sleek, low profile handle
- Rigid shaft for light retraction

Mizuho 20 MHz Micro Probe

- 0.8mm low profile micro tip
- Easy positioning bayonet shaft
- Enhanced visibility of surgical site
- Rigid shaft for light retraction
### 8 MHz Doppler Transceiver with A/C (07-150-08)
- **Size:** 6.5"x10"x4"
  (165mm x 254mm x 101mm), nom.
- **Weight:** 2.6 lbs., (1.18kg), nom.
- **Frequency:** 8 MHz
- **Power:** 8 AA Alkaline Batteries or A/C to D/C
- **4 hours, min. (standby mode, full volume)**

### 8 MHz Doppler Transceiver (108910)
- **Size:** 4.25"x3.75"x5.35"
  (105mm x 95mm x 135mm), nom.
- **Weight:** 1.4 lbs., (0.6kg), nom.
- **Frequency:** 8 MHz
- **Power:** 8 AA Alkaline Batteries
  10 hours, nom. (standby mode, full volume)

### 8 MHz Kelly Endonasal Probe (138210)
- **Packaged four to a box**
- **Sterile consumable**
- **133.35mm working length,**
  267mm overall
- **Bayoneted, 2mm tip**
- **Last 10mm of tip bent at 10 degrees**

### 20 MHz Doppler Transceiver with A/C (07-150-20)
- **Size:** 6.5"x10"x4"
  (165mm x 254mm x 101mm), nom.
- **Weight:** 2.6 lbs., (1.18kg), nom.
- **Frequency:** 20 MHz
- **Power:** 8 AA Alkaline Batteries or A/C to D/C
- **4 hours, min. (standby mode, full volume)**

### 20 MHz Doppler Transceiver (07-150-02)
- **Size:** 4.25"x3.75"x5.35"
  (105mm x 95mm x 135mm), nom.
- **Weight:** 1.4 lbs., (0.6kg), nom.
- **Frequency:** 20 MHz
- **Power:** 8 AA Alkaline Batteries
  10 hours, nom. (standby mode, full volume)

### 20 MHz Doppler Probe (07-150-07)
- **Packaged four to a box**
- **Sterile consumable**
- **110mm working length,**
  275mm overall
- **Bayonet, 2mm tip**

### 20 MHz Doppler Probe (07-150-07)
- **Packaged four to a box**
- **Sterile consumable**
- **110mm working length,**
  275mm overall
- **Bayonet, 2mm tip**

### 20 MHz Doppler Probe, Slim Handle (07-150-10)
- **Packaged four to a box**
- **Sterile consumable**
- **133.35mm working length,**
  235mm overall
- **Bayoneted, 2mm tip**

### 20 MHz Doppler Micro Probe (07-150-12)
- **Packaged four to a box**
- **Sterile consumable**
- **133.35mm working length,**
  235mm overall
- **Bayonet, 0.8mm ultra fine tip**

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