

Ordering Information



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 Doppler Probe (108260)

- Packaged four to a box
- Sterile disposable
- 55mm working length, 160mm overall
- Straight design, 3mm tip



8 MHz Kelly Endonasal Probe (138210)

- Packaged four to a box
- Sterile disposable
- 131mm working length, 265mm 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: 20MHz
 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 disposable
- 105mm working length, 275mm overall
- Bayoneted, 2mm tip



20 MHz Doppler Micro Probe (07-150-12)

- Packaged four to a box
- Sterile disposable
- 113mm working length, 231mm overall
- Bayoneted, 0.8mm ultra fine tip



20 MHz Doppler Probe, Slim Handle (07-150-10)

- Packaged four to a box
- Sterile disposable
- 115mm working length, 233mm overall
- Bayoneted, 2mm tip



20 MHz Doppler Micro Probe, Slim Handle (108650)

- Packaged four to a box
- Sterile disposable
- 74mm working length, 200mm overall
- Bayoneted, 0.8mm ultra fine tip

Mizuho Vascular Doppler Systems

Intraoperative essentials for neurosurgical and vascular procedures



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Mizuho Vascular Doppler Systems

Intraoperative essentials for neurosurgical and vascular procedures

Mizuho offers a portable, easy-to-use, and accurate modality for evaluating blood flow intraoperatively. Two systems operating at two different frequencies, 8 MHz and 20 MHz, provide audio blood flow detection at different depths of penetration. Each system comes with a set of transceivers and sterile disposable probes designed for specific surgical procedures.

8 MHz System

2cm depth penetration depending on the density of surrounding tissue and bone

Indications

- Locates carotid artery in transsphenoidal procedures
- Allows technical verification of anastomoses and endarterectomies
- Supports assessment of flap viability
- Evaluates AV fistulas and EC-IC Bypass
- Verifies graft and shunt patency

Transceivers

- Available with A/C to D/C connection and battery only

Probes

- Packaged 4 in a box
- Sterile, Disposable
- Straight and Bayonet design
- 2mm or 3mm tip



8 MHz Doppler Transceivers with A/C

20 MHz System

1cm depth penetration depending on the density of surrounding tissue and bone

Indications

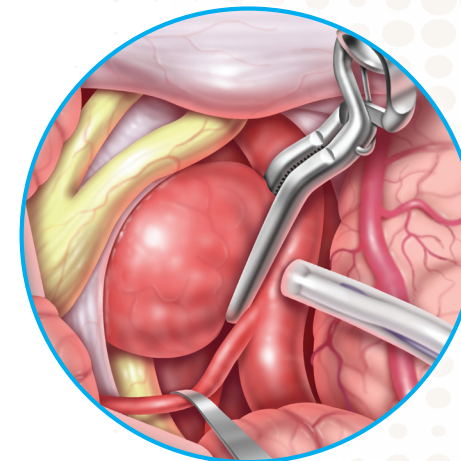
- Locates feeder artery in AVM
- Locates vessels noted on angiogram
- Determines completeness of aneurysm clipping
- Determines patency of parent vessel post aneurysm clipping
- Validates patency of microvascular anastomoses
- Confirms patency of major venous sinuses

Transceivers

- Available with A/C to D/C connection and battery only

Probes

- Packaged 4 in a box
- Sterile, Disposable
- Bayonet design only
- 2mm or 0.8mm tip



20 MHz Doppler Transceiver with A/C



Clinical Benefit Minimize the risk of internal carotid artery injury during transsphenoidal surgery

Clinical Benefit Quickly assess aneurysm clip placement and confirm aneurysm occlusion