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 Medical Innovation
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Mizuho Vascular Doppler Systems

Intraoperative essentials for neurosurgical and vascular procedures

MIZUHO Medical Innovation

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

8 MHz Doppler Transceivers with A/C

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

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

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

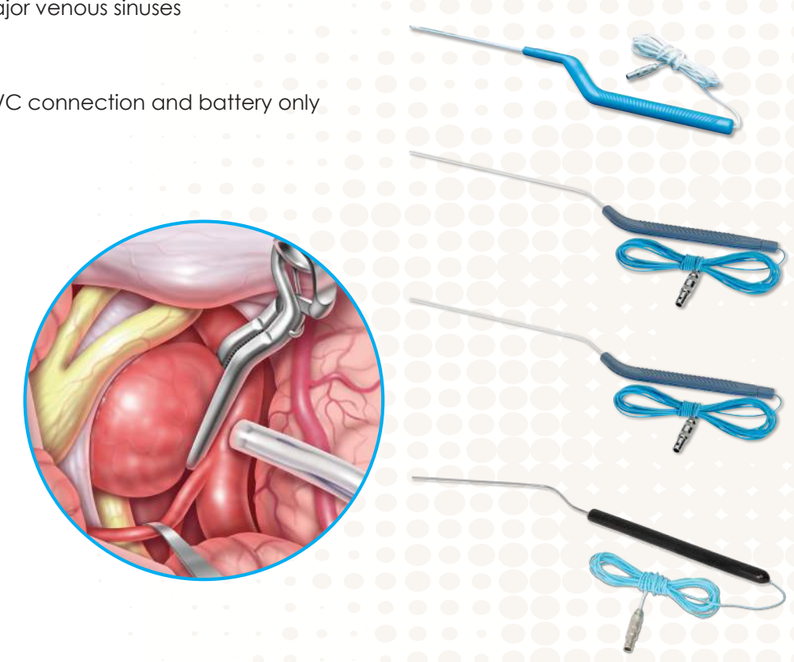
20 MHz Doppler Transceiver with A/C

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



Clinical Benefit Quickly assess aneurysm clip placement and confirm aneurysm occlusion