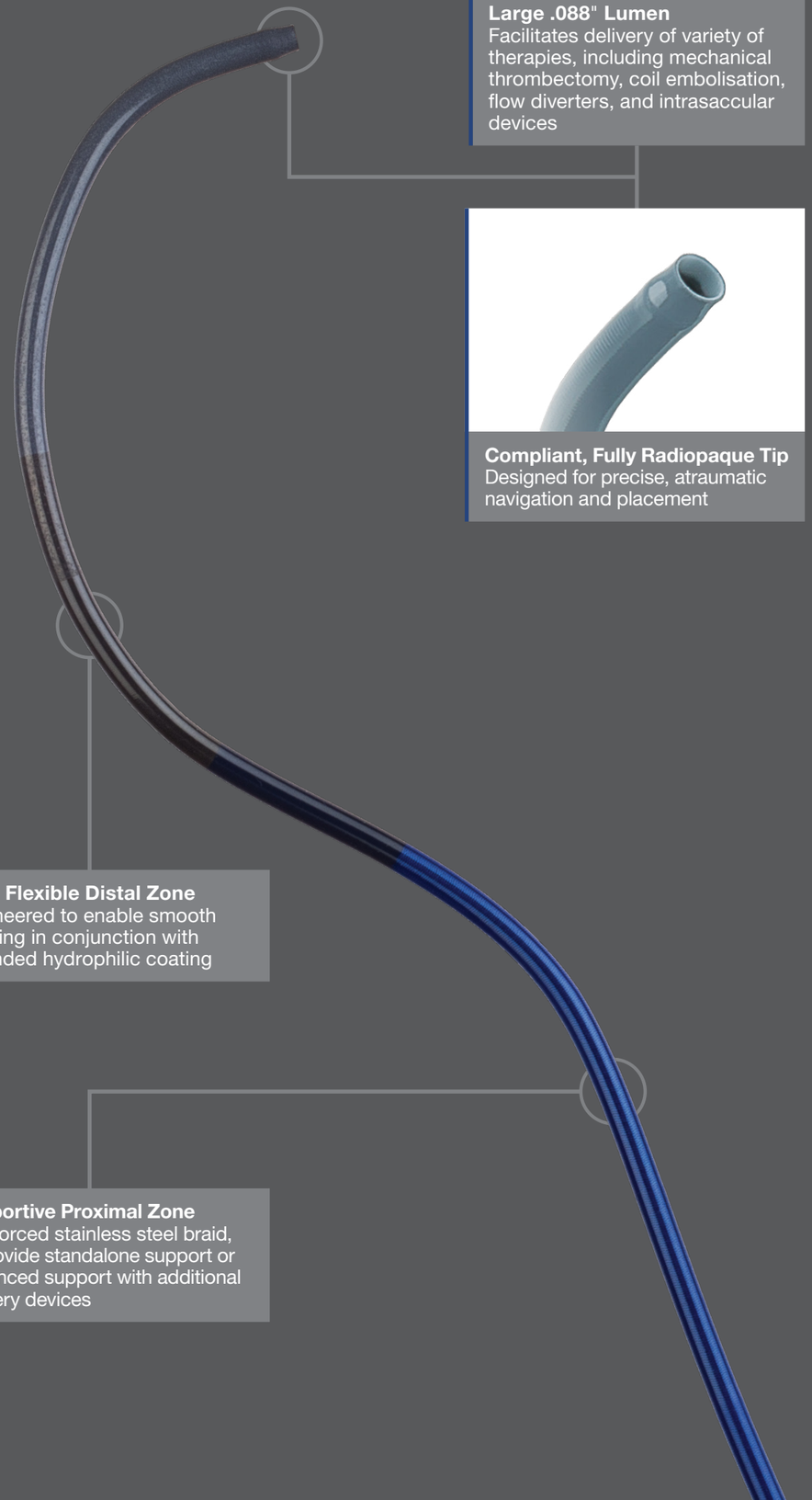
Neuron MAX 088™

6 F Long Sheath

Penumbra™

Neuron MAX 088 Advantages



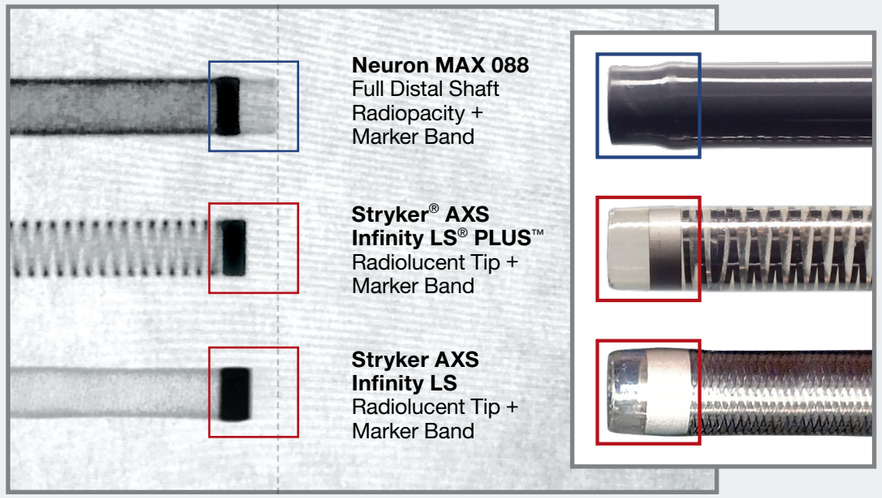
Large .088" Lumen
Facilitates delivery of variety of therapies, including mechanical thrombectomy, coil embolisation, flow diverters, and intrasaccular devices

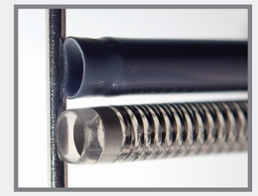
Compliant, Fully Radiopaque Tip
Designed for precise, atraumatic navigation and placement

4 cm Flexible Distal Zone
Engineered to enable smooth tracking in conjunction with extended hydrophilic coating

Supportive Proximal Zone
Reinforced stainless steel braid, to provide standalone support or enhanced support with additional delivery devices

Atraumatic, Radiopaque Tip

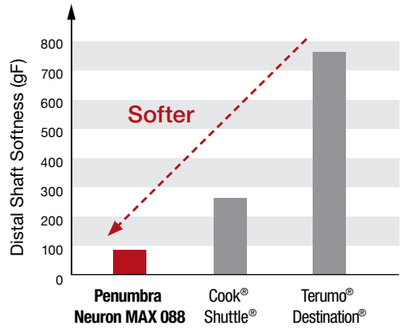



Neuron MAX 088 vs. Stryker AXS Infinity LS PLUS


Neuron MAX 088 vs. Stryker AXS Infinity LS

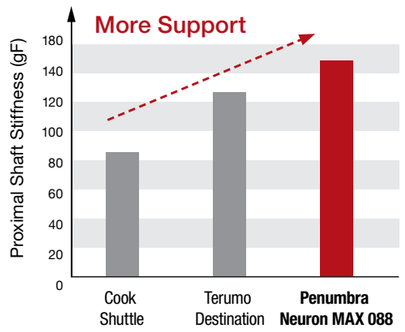
Devices shown at same scale. Photographs taken by and on file at Penumbra, Inc. Tests performed and data on file at Penumbra, Inc. Bench test results may not be indicative of clinical performance.

Distal Flexibility



3× softer than Cook Shuttle[a]
9× softer than Terumo Destination[a]

Optimal Proximal Support



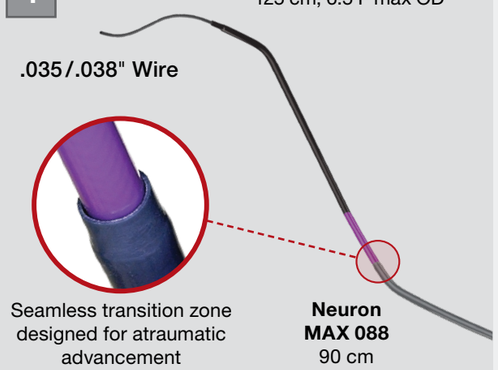
75% more support than Cook Shuttle[a]

a. Tests performed and data on file at Penumbra, Inc. Bench test results may not be indicative of clinical performance.

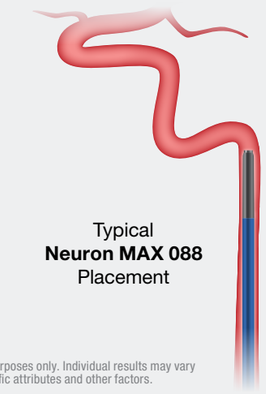
Typical Neuron MAX 088 Delivery

Designed to be positioned at high cervical ICA (or more distal) for maximum stability

1



2



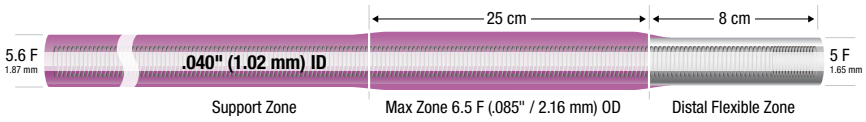
Rendering for illustrative purposes only. Individual results may vary depending on patient-specific attributes and other factors.

Designed for Rapid Primary Access

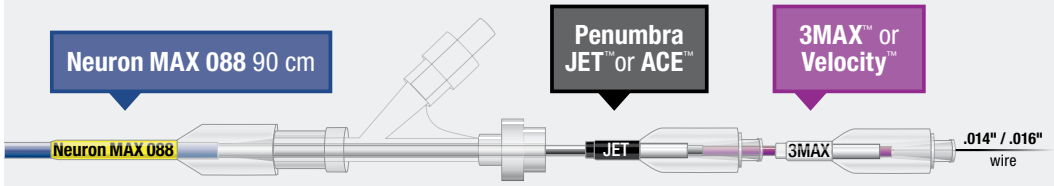
Neuron MAX™ 088 is Compatible with Penumbra 6 F Select™ Catheter to enable Rapid Primary Access

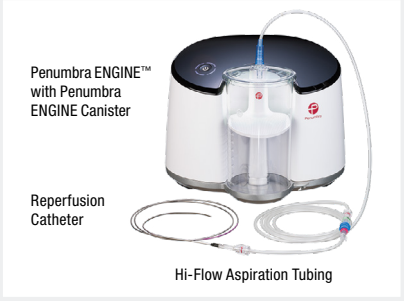
- Facilitates rapid primary access and atraumatic placement into desired vessel without over-the-wire exchange
- .040" lumen accommodates diagnostic angiograms
- Stainless steel braided proximal shaft engineered for support and torque response, with a soft polymer distal shaft to enable atraumatic vessel selection

6 F Select Catheter | 105 / 125 cm



Typical Penumbra System™ Stroke Setup Using Neuron MAX 088





Ordering Information

Catalog Number	Description	Working Length (cm)	Distal Flexible Zone (cm)	OD (Proximal / Distal) (F)*	ID (in.)	Wire Compatibility (in.)
Neuron MAX 088 6 F Long Sheath (Crosscut Valve, RHV, and Dilator Included)						
PNML6F088804	Neuron MAX 088 6 F Long Sheath, 80/4 Straight	80	4	8 / 8	.088	.035 / .038
PNML6F088804M	Neuron MAX 088 6 F Long Sheath, 80/4 MP	80	4	8 / 8	.088	.035 / .038
PNML6F088904	Neuron MAX 088 6 F Long Sheath, 90/4 Straight	90	4	8 / 8	.088	.035 / .038
PNML6F088904M	Neuron MAX 088 6 F Long Sheath, 90/4 MP	90	4	8 / 8	.088	.035 / .038
PNML6F0881004	Neuron MAX 088 6 F Long Sheath, 100/4 Straight	100	4	8 / 8	.088	.035 / .038
PNML6F0881004M	Neuron MAX 088 6 F Long Sheath, 100/4 MP	100	4	8 / 8	.088	.035 / .038
6 F Select Catheters						
PNS6F105BER	6 F Select Catheter, 105 BER	105	9	5.6 / 6 / 5	.040	.035 / .038
PNS6F105H1	6 F Select Catheter, 105 H1	105	9	5.6 / 6 / 5	.040	.035 / .038
PNS6F125BER	6 F Select Catheter, 125 BER	125	9	5.6 / 6 / 5	.040	.035 / .038
PNS6F125SIM	6 F Select Catheter, 125 SIM	125	9	5.6 / 6 / 5	.040	.035 / .038
PNS6F125H1	6 F Select Catheter, 125 H1	125	9	5.6 / 6 / 5	.040	.035 / .038
PNS6F125SIMV	6 F Select Catheter, 125 SIM-V	125	9	5.6 / 6 / 5	.040	.035 / .038

*A mid outer diameter is only listed if applicable to device.

Prior to use, please refer to the Instructions for Use for complete product indications, contraindications, warnings, precautions, potential adverse events, and detailed instructions for use.
NEURON MAX System – Intended Use
The NEURON MAX System is intended for the introduction of interventional devices into the peripheral, coronary, and neuro vasculature. **Potential Adverse Events** Possible complications include, but are not limited to, the following: acute occlusion; air embolism; death; distal embolization; emboli; false aneurysm formation; hematoma or hemorrhage at puncture site; infection; intracranial hemorrhage; ischemia; neurological deficits including stroke; vessel spasm, thrombosis, dissection, or perforation.
PENUMBRA SYSTEM™ – Intended Use
The PENUMBRA SYSTEM is intended for use in the revascularization of patients with acute ischemic stroke secondary to intracranial large vessel occlusive disease using continuous aspiration. **Potential Adverse Events** Possible complications include, but are not limited to, the following: allergic reaction and anaphylaxis from contrast media; acute occlusion; air embolism; arteriovenous fistula; death; device malfunction; distal embolization; emboli; false aneurysm formation; hematoma or hemorrhage at access site; inability to completely remove thrombus; infection; intracranial hemorrhage; ischemia; kidney damage from contrast media; neurological deficits including stroke; vessel spasm, thrombosis, dissection, or perforation; radiation exposure that may lead to cataracts, skin reddening, burns, alopecia, or neoplasia from x-ray exposure.
PENUMBRA SYSTEM – Intended Use
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PENUMBRA ENGINE – Intended Use
The PENUMBRA ENGINE is intended as a vacuum source for Penumbra Aspiration Systems.
Penumbra Delivery Microcatheters – Intended Use
The Penumbra Delivery Microcatheters are intended to assist in the delivery of diagnostic agents, such as contrast media, and therapeutic agents, such as occlusion coils to the peripheral and neuro vasculature. **Potential Adverse Events** Possible complications include, but are not limited to, the following: acute occlusion; hematoma or hemorrhage at access site; death; intracranial hemorrhage; hemorrhage; infection (at access site); distal embolization; ischemia (cardiac and/or cerebral); embolus (air, foreign body, thrombus, plaque); aneurysm perforation; false aneurysm formation; neurological deficits including stroke; vessel spasm, thrombosis, dissection, perforation or rupture; air embolism; emboli.

Tip Shapes

Neuron MAX 088	Select Catheter
STR MP	BER H1 SIM SIM-V

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Product availability varies by country. Rendering for illustrative purposes only. Please contact your local Penumbra representative for more information.

Penumbra