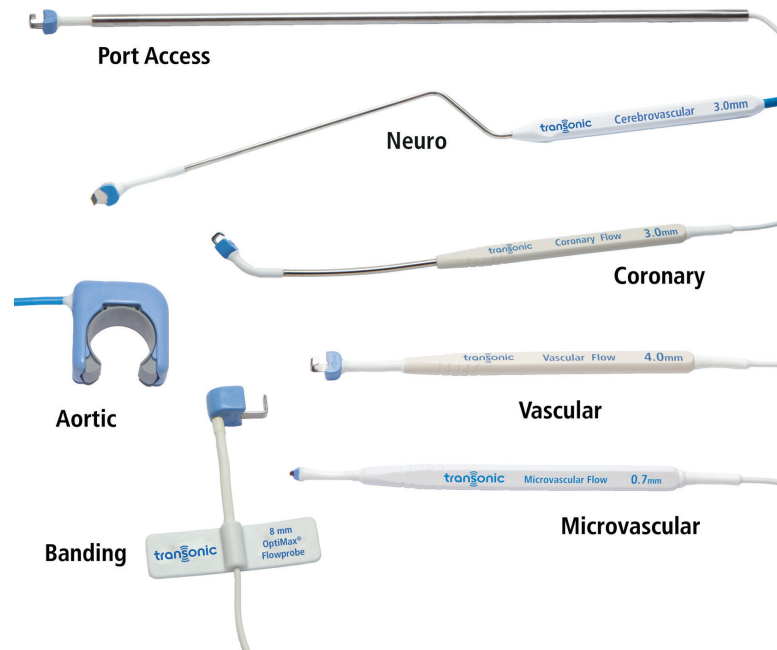


# SPECIFICATIONS



## Transonic<sup>®</sup> Clinical Flowprobes

Models:

AU, FD, FMC, FME, FMV, FSB, FTE, FTV, MB/MR, MB-S/MR-S, MP, MU, P



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# Clinical Flowprobe Specifications

Probe Size	Catalog #	Max Flow	Accuracy	Max Zero Offset (ml/min)		Ultrasound Frequency
mm		L/min	% of Reading	HQC/D/N	HQE/F/G	MHz
<b>FMC-Series: Coronary immediate-use steam sterilizable Probes (long handle, J-reflector)</b> Available with HQC, HQD, HQE or HQF prefix						
1.5mm	HQ_1.5FMC	0.5	+/- 10	+/- 2	+/- 1	4.8
2mm	HQ_2FMC	0.5	+/- 10	+/- 2	+/- 1	4.8
3mm	HQ_3FMC	1	+/- 10	+/- 3	+/- 1.5	3.6
4mm	HQ_4FMC	2	+/- 10	+/- 6	+/- 3	2.4
<b>FMV-Series: Vascular immediate-use steam sterilizable Probes (short handle, J-reflector)</b> Available with HQC, HQD, HQE or HQF prefix						
1.5mm	HQ_1.5FMV	0.5	+/- 10	+/- 2	+/- 1	4.8
2mm	HQ_2FMV	0.5	+/- 10	+/- 2	+/- 1	4.8
3mm	HQ_3FMV	1	+/- 10	+/- 3	+/- 1.5	3.6
4mm	HQ_4FMV	2	+/- 10	+/- 6	+/- 3	2.4
6mm	HQ_6FMV	5	+/- 10	+/- 15	+/- 7.5	1.8
8mm	HQ_8FMV	10	+/- 10	+/- 30	+/- 15	1.2
10mm	HQ_10FMV	10	+/- 10	+/- 30	+/- 15	1.2
12mm	HQ_12FMV	20	+/- 10	+/- 60	+/- 30	0.9
14mm	HQ_14FMV	20	+/- 10	+/- 60	+/- 30	0.9
<b>FME-Series: Carotid Endarterectomy immediate-use steam sterilizable Probes (short handle, L-reflector)</b> Available with HQC, HQD, HQN, HQE or HQF prefix						
1.5mm	HQ_1.5FME	0.5	+/- 10	+/- 2	+/- 1	4.8
2mm	HQ_2FME	0.5	+/- 10	+/- 2	+/- 1	4.8
3mm	HQ_3FME	1	+/- 10	+/- 3	+/- 1.5	3.6
4mm	HQ_4FME	2	+/- 10	+/- 6	+/- 3	2.4
6mm	HQ_6FME	5	+/- 10	+/- 15	+/- 7.5	1.8
8mm	HQ_8FME	10	+/- 10	+/- 30	+/- 15	1.2
10mm	HQ_10FME	10	+/- 10	+/- 30	+/- 15	1.2
<b>FSB-Series: Basic Style immediate-use steam sterilizable Probes (without handle, L-reflector with slide)</b> Available with HQC, HQD, HQN, HQE or HQF prefix						
1.5mm	HQ_1.5FSB	0.5	+/- 10	+/- 2	+/- 1	4.8
2mm	HQ_2FSB	0.5	+/- 10	+/- 2	+/- 1	4.8
3mm	HQ_3FSB	1	+/- 10	+/- 3	+/- 1.5	3.6
4mm	HQ_4FSB	2	+/- 10	+/- 6	+/- 3	2.4
6mm	HQ_6FSB	5	+/- 10	+/- 15	+/- 7.5	1.8
8mm	HQ_8FSB	10	+/- 10	+/- 30	+/- 15	1.2
10mm	HQ_10FSB	10	+/- 10	+/- 30	+/- 15	1.2
12mm	HQ_12FSB	20	+/- 10	+/- 60	+/- 30	0.9
14mm	HQ_14FSB	20	+/- 10	+/- 60	+/- 30	0.9

# Clinical Flowprobe Specifications

Probe Size	Catalog #	Max Flow	Accuracy	Max Zero Offset (ml/min)		Ultrasound Frequency
mm		L/min	% of Reading	HQC/D/N	HQE/F/G	MHz
<b>FTE-Series: Carotid Endarterectomy immediate-use steam sterilizable Probes (butterfly wing, L-reflector)</b> Available with HQC, HQD, HQN, HQE or HQF prefix						
4mm	HQ_4FTE	2	+/- 10	+/- 6	+/- 3	2.4
6mm	HQ_6FTE	5	+/- 10	+/- 15	+/- 7.5	1.8
8mm	HQ_8FTE	10	+/- 10	+/- 30	+/- 15	1.2
10mm	HQ_10FTE	10	+/- 10	+/- 30	+/- 15	1.2
12mm	HQ_12FTE	20	+/- 10	+/- 60	+/- 30	0.9
<b>FTV-Series: Vascular immediate-use steam sterilizable Probes (Butterfly wing, J-reflector)</b> Available with HQC, HQD, HQE or HQF prefix						
4mm	HQ_4FTV	2	+/- 10	+/- 6	+/- 3	2.4
6mm	HQ_6FTV	5	+/- 10	+/- 15	+/- 7.5	1.8
8mm	HQ_8FTV	10	+/- 10	+/- 30	+/- 15	1.2
10mm	HQ_10FTV	10	+/- 10	+/- 30	+/- 15	1.2
12mm	HQ_12FTV	20	+/- 10	+/- 60	+/- 30	0.9
<b>MB-Series: Intracranial Charbel Micro-Flowprobes (long handle, single use)</b> Available with HQN or HQG prefix						
1.5mm	HQ_1.5MB	0.2	+/- 10	+/- 3	+/- 1.5	4.8
2mm	HQ_2MB	0.5	+/- 10	+/- 5	+/- 2.5	3.6
3mm	HQ_3MB	1	+/- 10	+/- 10	+/- 5	2.4
<b>MB-S-Series: Extracranial Micro-Flowprobes (short handle, single use)</b> Available with HQN or HQG prefix						
3mm	HQ_3MB-S	1	+/- 10	+/- 3	+/- 1.5	3.6
4mm	HQ_4MB-S	2	+/- 10	+/- 6	+/- 3	2.4
6mm	HQ_6MB-S	5	+/- 10	+/- 15	+/- 7.5	1.8
<b>MR-Series: Intracranial Charbel Micro-Flowprobes (long handle, multi-use)</b> Available with HQD, HQN, HQE or HQF prefix						
1.5mm	HQ_1.5MR	0.2	+/- 10	+/- 3	+/- 1.5	4.8
2mm	HQ_2MR	0.5	+/- 10	+/- 5	+/- 2.5	3.6
3mm	HQ_3MR	1	+/- 10	+/- 10	+/- 5	2.4
<b>MR-S-Series: Extracranial Micro-Flowprobes (short handle, multi-use)</b> Available with HQD, HQN, HQE or HQF prefix						
3mm	HQ_3MR-S	1	+/- 10	+/- 3	+/- 1.5	3.6
4mm	HQ_4MR-S	2	+/- 10	+/- 6	+/- 3	2.4
6mm	HQ_6MR-S	5	+/- 10	+/- 15	+/- 7.5	1.8
<b>P-Series: Port Access Probes (long handle, J-reflector)</b> Available with HQE or HQF prefix						
2mm	HQ_2P	0.5	+/- 10	N/A	+/- 1	4.8
3mm	HQ_3P	1	+/- 10	N/A	+/- 1.5	3.6
4mm	HQ_4P	2	+/- 10	N/A	+/- 3	2.4

# Clinical Flowprobe Specifications

Probe Size	Catalog #	Max Flow	Accuracy	Max Zero Offset (ml/min)		Ultrasound Frequency
mm		L/min	% of Reading	HQC/D/N	HQE/F/G	MHz
<b>FD- Series: Port Access Probes with Couplant delivery set (long handle, J-reflector)</b>						
<b>Available with HQE or HQF prefix</b>						
1.5mm	HQ_1.5FD	0.5	+/- 10	N/A	+/- 0.8	4.8
2mm	HQ_2FD	0.5	+/- 10	N/A	+/- 1	4.8
3mm	HQ_3FD	1	+/- 10	N/A	+/- 1.5	3.6
4mm	HQ_4FD	2	+/- 10	N/A	+/- 3	2.4
<b>MU-Series: Microvascular Probes (short handle, L-reflector)</b>						
<b>Available with HQE or HQF prefix</b>						
0.7mm	HQ_0.7MU	50 mL/min	+/- 10	N/A	+/- 0.4	9.6
1mm	HQ_1MU	100 mL/min	+/- 10	N/A	+/- 0.8	7.2
1.5mm	HQ_1.5MU	200 mL/min	+/- 10	N/A	+/- 1.5	4.8
2mm	HQ_2MU	500 mL/min	+/- 10	N/A	+/- 2.5	3.6
3mm	HQ_3MU	1000 mL/min	+/- 10	N/A	+/- 5	2.4
<b>AU-Series: Confidence Flowprobes</b>						
<b>Available with HQC, HQD, HQE or HQF prefix</b>						
4mm	HQE4AU	2	+/- 10	N/A	+/- 6	7.2
6mm	HQE6AU	5	+/- 10	N/A	+/- 8	4.8
8mm	HQ_8AU	10	+/- 10	+/- 30	+/- 15	3.6
10mm	HQ_10AU	10	+/- 10	+/- 30	+/- 15	3.6
12mm	HQ_12AU	20	+/- 10	+/- 60	+/- 30	2.4
14mm	HQ_14AU	20	+/- 10	+/- 60	+/- 30	2.4
16mm	HQ_16AU	50	+/- 10	+/- 150	+/- 75	1.8
20mm	HQ_20AU	50	+/- 10	+/- 150	+/- 75	1.8
24mm	HQ_24AU	100	+/- 10	+/- 300	+/- 150	1.2
28mm	HQ_28AU	100	+/- 10	+/- 300	+/- 150	1.2
32mm	HQ_32AU	200	+/- 10	+/- 600	+/- 300	0.9
36mm	HQ_36AU	200	+/- 10	+/- 600	+/- 300	0.9
<b>MP-Series: Basic Style Probes (without handle, L-reflector with slide)</b>						
<b>Available with HQC prefix only</b>						
2mm	HQ_2MP	0.5	+/- 10	+/- 2	N/A	4.8
3mm	HQ_3MP	1	+/- 10	+/- 3	N/A	3.6
4mm	HQ_4MP	2	+/- 10	+/- 6	N/A	2.4
6mm	HQ_6MP	5	+/- 10	+/- 15	N/A	1.8
8mm	HQ_8MP	10	+/- 10	+/- 30	N/A	1.2
10mm	HQ_10MP	10	+/- 10	+/- 30	N/A	1.2
12mm	HQ_12MP	20	+/- 10	+/- 60	N/A	0.9
14mm	HQ_14MP	20	+/- 10	+/- 60	N/A	0.9