

Flowprobe Selection Guide

PERIVASCULAR FLOWPROBE SERIES & AVAILABLE SIZES		
SUFFIX	DESCRIPTION	SIZES (mm)
-FMC	Coronary (J-reflector, extended neck)	1.5, 2, 3, 4
-FMV	Vascular (J-reflector, standard handle)	1.5, 2, 3, 4, 6, 8, 10, 12, 14
-FME	Carotid (L-reflector, standard handle)	4, 6, 8, 10
-FTV	OptiMax® (J-reflector, hands-free butterfly wings)	4, 6, 8, 10, 12
-FTE	OptiMax® (L-reflector, hands-free butterfly wings)	4, 6, 8, 10, 12
-MU	Microvascular (L-reflector, standard handle)	0.7, 1, 1.5, 2, 3
-AU	Cardiac Output COnfidence Flowprobe® (C-shaped design, no handle)	4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36
-MB; -MR	Intracranial Charbel Micro-Flowprobe® (L-reflector, long bayonet handle) -MB: single use; -MR: resposable	1.5, 2, 3
-MB-S -MR-R	Extracranial EC-IC Bypass: Micro-Flowprobe (L-reflector, short bayonet handle): -MB-S: single use; -MR-S: resposable	3, 4, 6
-FSB	Basic (L-reflector with sliding cover, no handle)	1.5, 2, 3, 4, 6, 8, 10, 12, 14
-P	Port Access (J-reflector, long port-access handle)	2, 3, 4
-FD	Port Access (J-reflector, long port-access handle)	1.5, 2, 3, 4

Recommended Sizes and/or Flowprobe Series for Specific Vessels or Applications

CARDIAC SURGERY		
CABG: ON OR OFF PUMP	Probe Size (mm)	Probe Series
Arterial conduits	1.5, 2, 3, 4	-FMC
Saphenous vein	2, 3, 4	-FMC
Port access - coronary arteries	1.5, 2, 3, 4	-FD
CARDIAC OUTPUT		
Ascending aorta	28, 32, 36	-AU
Pulmonary artery	24, 28, 32	-AU
Pediatric heart	4, 6, 8, 10, 12, 14, 16, 20	-AU

TRANSPLANT SURGERY		
LIVER	Probe Size (mm)	Probe Series
Hepatic artery	4, 6, 8	-FMV -AU
Portal vein	10, 12, 14	-FMV -AU
KIDNEY		
Renal artery	4, 6	-FMV -FSB
Renal vein	10	-FMV -FSB
External iliac artery	6, 8	-FMV -FSB
Hypogastric artery	4, 6	-FMV -FSB
PANCREAS		
Common iliac artery	8	-FMV -FSB

CEREBROVASCULAR SURGERY			
ANEURYSM CLIPPING	Probe Size	Probe Series	
	mm	1 x use	resposable
Cerebral arteries	1.5, 2, 3	-MB	-MR
EC-IC BYPASS			
Extracranial	3, 4, 6	-MB-S	MR-S
Intracranial	1.5, 2, 3	-MB	-MR
AVM, TUMOR RESECTION, DURAL FISTULA			
Outflows	variable	-MB,	-MR

VASCULAR SURGERY				
CAROTID ENDARTERECTOMY	Probe Size (mm)	Probe Series		
Common carotid artery	8, 10	-FTE	-FME	-FSB
External carotid artery	6	-FTE	-FME	-FSB
Internal carotid artery	6	-FTE	-FME	-FSB
AV FISTULAS & GRAFTS				
Radial artery	2, 3	-FMV		-FSB
Brachial artery	3, 4, 6	-FMV	-FTV	-FSB
Graft venous outflow	4, 6	-FMV	-FTV	-FSB
ABDOMINAL				
Renal bypass	4, 6	-FMV	-FTV	-FSB
Aorta	16, 20			-AU -FSB
Common iliac	10, 12	-FMV	-FTV	-AU -FSB
Portocaval shunt	10, 12, 14	-FMV	-FTV	-AU -FSB
Splenorenal shunt	10, 12, 14	-FMV	-FTV	-AU -FSB
LOWER EXTREMITY BYPASS				
Profunda femoris	8	-FMV	-FTV	-AU -FSB
Common femoral	8, 10	-FMV	-FTV	-AU -FSB
Popliteal	4, 6	-FMV	-FTV	-FSB
Tibial	3, 4	-FMV	-FTV	-FSB

MICROVASCULAR SURGERY		
REATTACHMENTS/FLAPS	Probe Size (mm)	Probe Series
Microvessels in hand, wrist	0.7, 1, 1.5, 2, 3	-MU

HQD_XL Tubing Flowsensor Selection Guide



HQD_XL-Series Clamp-on Tubing Flowsensor

STOCK TUBING			
Procedure	Cat #	TUBING (inches) Inner Diameter Wall Thickness	Tygon Stock Tubing: If using tubing of different diameter or type, please discuss tubing with a customer service representative.
CAROTID SHUNTS	HQD 2XL	3/32 x 1/32	Tygon ND 100-65; Tygon E-3603
	HQD 3XL	1/8 x 3/32	Tygon E-3603
	HQD 4XL	1/8 x 1/16	Tygon ND 100-65; Tygon E-3603
	HQD 5XL	3/8 x 1/16	Tygon ND 100-65; Tygon E-3603
PED CPB, ECMO	HQD 6XL	1/4 x 1/16	Tygon ND 100-65; Tygon E-3603
	HQD 7XL	1/4 x 3/32	Tygon ND 100-65; Tygon E-3603
	HQD 8XL	3/8 x 1/16	Tygon ND 100-65; Tygon E-3603
ADULT CPB	HQD 9XL	3/8 x 3/32	Tygon ND 100-65; Tygon E-3603
	HQD 10XL	1/2 x 1/16	Tygon ND 100-65; Tygon E-3603
	HQD 11XL	1/2 x 3/32	Tygon ND 100-65; Tygon E-3603

HQD - XL SENSORS (INCHES)			
CATALOG #	TUBING		
	ID INCHES	WALL THICKNESS INCHES	OD INCHES
HQD2XL	IN SIZES 2XL-5XL RATIO OF TUBING WALL THICKNESS TO OD MUST NOT EXCEED 1.5 FOR PVC; 1:3 FOR SILICONE		1/8
HQD3XL			3/16
HQD4XL			1/4
HQD5XL			5/16
HQD6XL	1/4	1/16	3/8
HQD7XL	1/4	3/32	7/16
HQD8XL	3/8	1/16	1/2
HQD9XL	3/8	3/32	9/16
HQD10XL	1/2	1/16	5/8
HQD11XL	1/2	3/32	11/16
HQD12XL	1/2	1/8	3/4

HQD - XL SENSORS (METRIC)	
CATALOG #	OD MM
HQD2XL-M2	2 mm
HQD2XL-M3	4 mm
HQD3XL-M5	5 mm
HQD4XL-M6	6 mm
HQD5XL-M7	7 mm
HQD6XL-M8	8 mm
HQD7XL-M9	9 mm
HQD8XL-M10	10 mm
HQD9XL-M12	12 mm
HQD10XL-M14	14 mm
HQD11XL-M16	16 mm
HQD12XL-M20	20 mm