

T400-Series Technical Note

Suggested Flowprobe Recommendations

- Flowprobe recommendations are dependent on species breed, weight & surgical protocol.
- Flowprobes are sized to vessel outer diameter.
- Vessel should fill 75 - 95% of flowprobe lumen to meet accuracy specs.
- Have 2 sizes on hand to anticipate natural variation in vessel size.
- MA- Acute flowprobes provided in standard configuration only.
- MC- Custom configured flowprobes for chronic implantation or specific acute use may require next larger size and must be confirmed by the end-user.
- Most species/vessel applications may be performed acutely or chronically with implanted probes.
- Listings below show ONLY MA- Acute probes.

Compiled by Margo Sosa in 2009

Species	weight	Cardiac Output: Ascending Aorta	Coronary Artery	Abdominal Aorta (variable)	Carotid Artery	Renal Artery
Mouse	20 - 50 gr.	MA1.5PSL	x	MA1PRB	MA0.5PSB MA0.5VB	MA0.5PSL
Rat	<250 gr.	MA2SB	x	MA1.5PRB	MA0.7VB MA0.7PSB	MA0.7PSB
	250 - 350 gr.	MA2.5PSL MA2.5PSB	x	MA2PSB	MA0.7VB MA1PRB	MA1PRB
	> 400 gr.	MA3PSL MA3PSB	x	MA2.5PSB	MA1PRB MA1.5PRB	MA1PRB
Rabbit	2-4 kilo	MA4PSB	x	MA2.5PSB	MA2SB	MA2SB
Piglet	2 -4 kilo	MA8PAU	MA1RB			
Pig	25 - 40 kilo	MA16PAU MA20PAU	MA2.5PSB MA3PSB	MA12PAU MA14PAU	MA4PSB	MA3PSB MA4PSB
	50-75 kilo	MA24PAU MA28PAU		MA16PAU	MA6PSB	MA6PSB
Dog	8-12 kilo	MA 12PAU	MA1.5PRB	MA8PSB	MA2.5PSB	MA2.5PSB
	15-18 kilo	MA14PAU MA16PAU	MA2PSB	MA10PSB	MA3PSB MA3PSB	MA3PSB MA3PSB
		18 - 22 kilo	MA20PAU	MA2.5PSB	MA12PSB	
	22-25 kilo	MA24PAU	MA3PSB	MA14PSB	MA4PSB	MA4PSB
	25-30 kilo	MA28PAU			MA4PSB	MA4PSB
Sheep	35-45	MA16PAU	MA3PSB	MA10PSB	MA4PSB	MA4PSB
	45-60	MA20PAU			MA6PSB	MA6PSB