



Arrow  
**MAC**  
with ARROWg<sup>+</sup>ard Technology



# High Flow Meets Maximum Versatility

## Flow Rates Matter

When flow rates matter, especially in time-sensitive conditions, the Arrow MAC Multi-Lumen Access Catheter from Teleflex delivers.

- Meets a variety of patient types:
  - Septic Shock
  - Cardiac
  - Trauma Resuscitation
  - Transplant
- High flow rates of almost 30 liters per hour under gravity alone

## Versatile Access

The MAC Multi-Lumen Access Catheter with Arrowg+ard Technology provides the convenience of introducing other devices while maintaining high flow rates.

- A companion CVC (with up to three additional lumens)
- A thermodilution catheter
- A temporary pacing wire

## Consistent Performance

The MAC has both a smooth transition from dilator to tip and a hydrophilic coating.

- Makes for an easy catheter insertion through the patient's skin
- Strong polyurethane construction is designed to prevent catheter kinking during insertion or use

Please visit [www.arrowvascular.com/MAC](http://www.arrowvascular.com/MAC) for more information on the Arrow MAC

## Flow Rate Comparison by Vascular Device

IV <sup>1</sup>	PICC <sup>3</sup>	INTRAOSSEOUS	CVC <sup>3</sup>	SHEATH INTRODUCER <sup>2</sup>	MAC <sup>3</sup>
1.2–6.3	1.6	5	3–6	12	29

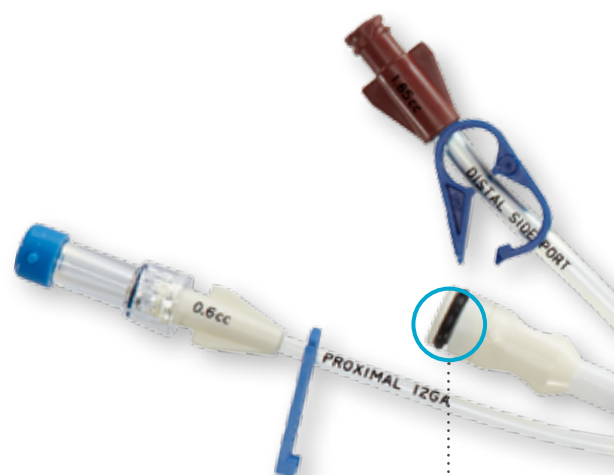
*Note: This table compares the highest flow lumen per vascular access device. PICC, CVC, sheath introducer and MAC flow rates are gravity saline flow rates. IV and intraosseous flow rates are based off pressure bag flow rates, and they are provided by another manufacturer.*

## MAC Flow Rates

LUMEN	FLOW RATE (ML/HR) <sup>3</sup>
Distal (9Fr.) no catheter	29,920
Distal (9Fr.) with 8Fr. catheter	12,180
Distal (9Fr.) with 7Fr. catheter	19,810
Proximal (12G) no catheter	9,340

## Proven Protection – ARROWg+ard Technology

The Arrow MAC with ARROWg+ard Technology incorporates chlorhexidine-based antimicrobial protection to guard your patients from catheter-related bloodstream infections (CRBSIs) evidenced by 30+ studies for efficacy and safety.



**Haemostasis valve and locking obturator** discourage back bleeding (blood contamination) and reduce the risk of air embolisms

<sup>1</sup> <http://www.bd.com/infusion/pdfs/D16130.pdf>. Based on 24 to 18 gauge flow rates.

<sup>2</sup> Gravity rate values based off Arrow catheter internal testing.

<sup>3</sup> Based on 100 cm head height gravity saline flow rates. Flow rates would be higher with a rapid infuser or pressure bag.

# Ordering Information



## MAC – Multi-lumen Access Catheter

REF.	Ø	LENGTH	MATERIAL	SETS/CASE
SI-11142	9 Fr.	10 cm	PUR <sup>2</sup>	5
SI-11242	9 Fr.	11.5 cm	PUR <sup>2</sup>	5
SI-21142	9 Fr.	10 cm	PUR AGB <sup>2</sup>	5

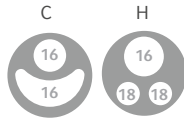
<sup>1</sup> XTW = Extra thin wall

<sup>2</sup> PUR = Polyurethane, AGB = Arrowgard Blue antimicrobial technology

### Accessories

- Contamination protection: Cath-Gard, 80 cm, with TwistLock adapter
- Obturator: 8 Fr.
- Accessories: 1 x pressure transducer, 1 x Raulerson syringe 5 ml, 3x gauze pads 4" x 4", 1 x closure cap unvented, 1 x closure cap vented, 1 x four-way high-flow valve

Lumen design G



## CVC for MAC Introducer Systems

REF.	LUMEN	Ø	LENGTH WITH MAC	INNER LUMEN G	DESIGN	MATERIAL	SETS/CASE
ML-00701	1	7 Fr.	14 cm			PUR	5
ML-00702	2	7 Fr.	16 cm	16D-16P	C	PUR	5
ML-00703	3	7 Fr.	16 cm	16D-18M-18P	H	PUR	5

## Accessories for Percutaneous Sheath Introducer Systems

REF.	FOR USE WITH CATHETER	LENGTH	CONNECTION	COLOR	SETS/CASE
SA-09847	4–7 Fr.	80 cm	Tuohy-Borst	Blue	10
ST-09807	7–7.5 Fr.	80 cm	Tuohy-Borst	Blue	25
ST-09880	7–7.5 Fr.	80 cm	No lock	Blue	25
ST-09870	7 Fr.	80 cm	TwistLock	Blue	25
ST-09875	7–7.5 Fr.	80 cm	TwistLock	Yellow	25
ST-09885	8–8.5 Fr.	80 cm	TwistLock	Black	25

### Guidewire

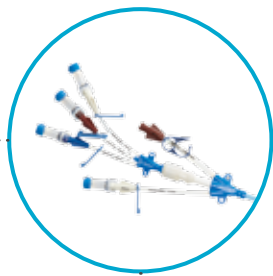
Length: 45 cm; Diameter: 0.89 mm/.035"; Tip: J tip/straight; Marking: Yes; Arrow Advancer: Yes

### Insertion Needle

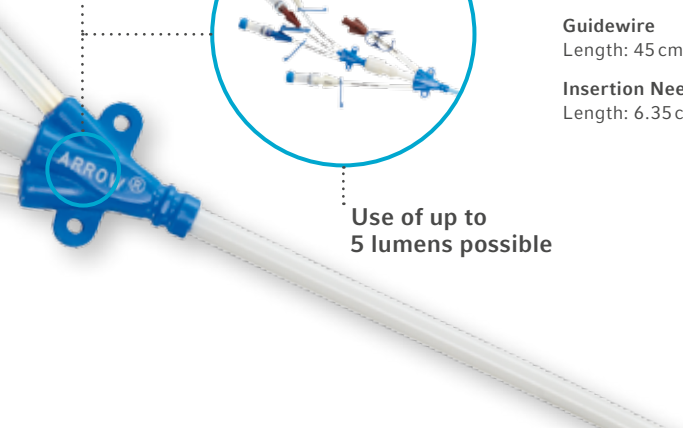
Length: 6.35 cm; Diameter: 18G<sup>1</sup>

### Flat multi-lumen hub

easy to fix, designed to lay flat for patient comfort



Use of up to 5 lumens possible



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