

# CUSTOMISED CATHETERS

## CUSTOMISED CATHETERS FOR RESEARCH AND CLINICAL USE

Dentsleeve offers a wide range of custom catheters and expert advice to help you design the optimal catheter.

Before deciding on a custom catheter, we recommend you verify that no standard catheters meet your needs. Please refer to our Clinical Catheter, Sleeve Catheter and Single-Use Catheter brochures for details on our standard catheter range.

### *Benefits and Features*

#### *Obtain the ideal catheter design for your special needs*

- Unique range of extrusions – see overleaf.
- Up to 32 channels.
- Tiny multi-lumen catheters – 9 channels in 1.8mm!
- Catheters for neonates and children.
- Catheters for experimental animals - even mice.
- Catheters for luminal aspiration.

#### *Combine manometry with barostatic recordings*

- Use our special 23-channel barostat extrusion.

#### *Customise catheters to your special needs including the following components*

- Silicone rubber balloons.
- Radio-opaque marks.
- Tip weights.
- Balloon attachment rings.
- Catheter stiffeners.
- Special types of sleeve sensors.

#### *Other Dentsleeve capabilities which support special applications include:*

- Expertise with micro-manometry.
- Low flow rate hydraulic resistors.

To specify your custom catheter requirements please complete our catheter design form. This is available on our web-site at [www.dentsleeve.com.au](http://www.dentsleeve.com.au) under the products page. Overleaf provides a description of our extensive range of extrusions that are used to build our catheters.

***Our catheters are suitable for use with any  
manufacturer's perfusion pump.***

*Distributed By*



**DENTSLEEVE INTERNATIONAL LTD.**  
Manufactured by Mui Scientific

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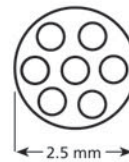
[www.dentsleeve.com](http://www.dentsleeve.com) Email: [mail@dentsleeve.com](mailto:mail@dentsleeve.com)

## Standard

manometric lumina diameter  
0.6mm or larger



Standard 8+1 extrusion E1  
Lumina 0.74mm and 1.55mm



Standard 7 extrusion E3  
Lumina 0.6mm



Standard 8+1 extrusion E114  
Lumina 0.67mm and 1.36mm



Standard 8+1 extrusion E27  
Lumina 0.65mm and 0.9mm



Standard 10+1 extrusion E2  
Lumina 0.75mm and 1.5mm

## Miniature

manometric lumina diameter  
smaller than 0.6mm to  
0.4mm



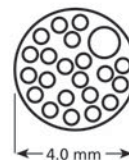
Miniature 8+1 extrusion E5  
Lumina 0.5mm and 0.75mm



Miniature 12+1 extrusion E56  
Lumina 0.4mm and 1.9mm



Miniature 16+1 extrusion E30  
Lumina 0.5mm and 1.0mm



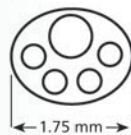
Miniature 21+1 extrusion E57  
Lumina 0.4mm and 0.9mm



Miniature 20+2+1 barostat extrusion E55  
Lumina 0.4mm, 0.6mm, oval 1.9 by 2.4mm

## Micro

manometric lumina diameter  
smaller than 0.4mm



Micro 4+1 extrusion E4  
Lumina 0.35mm and 0.6mm



Micro 9+1 extrusion E6  
Lumina 0.35mm and 0.75mm

## Aspiration/Infusion



2+1+1 extrusion E63  
Lumina 0.6mm, 0.8mm, oval 1.5 by 1.2mm