



# Europa Ultra CTO™

Chronic Total Occlusion Balloon Catheter

Diameter 1.00mm & Catheter types Rx & OTW

*"Lowest profiles with improved pushability even for the most challenging cases"*

## Improved trackability

- The 3-in-1 balloon: CTO (1.00mm), high-pressure (18 bar RBP) & OTW (used instead of a microcatheter)
- Ultra-low 0.016" soft, yet durable tip, which is designed to cross Chronic Total Occlusions
- Improved 2-pleats folding process
- Central Platinum-Iridium marker band for high radiopacity and lower balloon distal profiles for enhanced crossability
- Rontis' proprietary material blend ensures ultra low profile and extremely durable balloons
- High pressure capability, providing extreme resistance to potential puncture
- Homeogeneous expansion throughout the entire balloon length
- Rontis' proprietary hydrophilic coating HiFlow for smoother navigation through the most challenging vasculature
- Low profile shaft, ensuring more penetration power
- Fully integrated hypotube-shaft transition optimizes pushability

## Lubricity

Rontis' proprietary hydrophilic coating, HiFlow, ensures smoother navigation through even the most challenging and tortuous vasculature

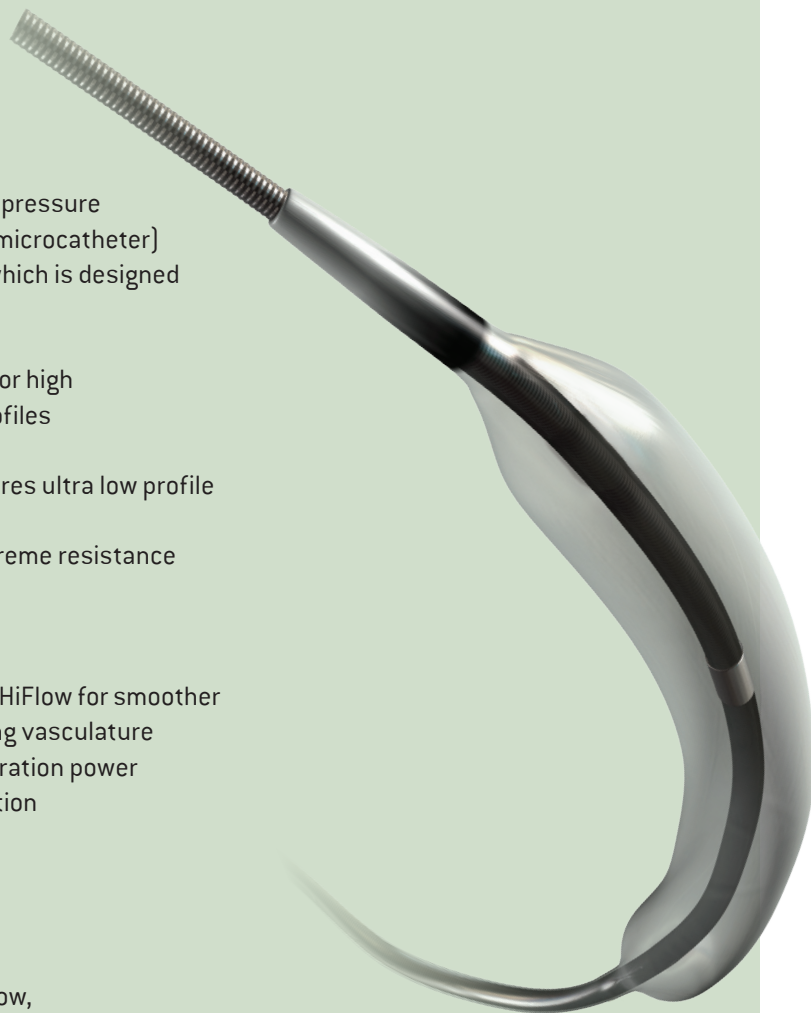
## Folding pleating technology

Fully automated tri-folding process for increased flexibility, lower balloon primary crossing profile and enhanced rewrap for minimal secondary profile



## Indications for Use:

Europa Ultra CTO is typically intended to cross and dilate sub-occluded/totally-occluded coronary arteries.



# Interventional Cardiology

## Technical Data

### Europa Ultra CTO™ Semi-Compliant Coronary Balloon Catheter

|                                                        |                                                   |
|--------------------------------------------------------|---------------------------------------------------|
| Mode of exchange: Rx & OTW                             | Double lumen shaft (OTW): 2.6Fr                   |
| Balloon material: <b>modified polyamide</b>            | Soft tip: <b>Pebax</b>                            |
| Balloon compliance: <b>semi-compliant</b>              | Guidewire compatibility (max): <b>0.014"</b>      |
| Radiopaque markers: <b>1 (Pt-Ir)</b>                   | Nomimal pressure: <b>8 bar</b>                    |
| Guiding Catheter compatibility (min): 5Fr              | Rated Burst Pressure: <b>18 bar</b>               |
| Usable Catheter Length: <b>140cm (Rx), 150cm (OTW)</b> | Coating: <b>Hydrophilic, HiFlow</b>               |
| Distal shaft diameter (Rx): <b>2.4Fr</b>               | Shelf Life (Max. upon Production): <b>4 years</b> |
| Proximal shaft diameter (Hypotube): <b>2.0Fr</b>       |                                                   |

## Ordering Information

### Europa Ultra CTO™ Semi-Compliant Coronary Balloon Catheter

| Balloon Diameter Ø | Balloon Length |         |         |         |         |         |
|--------------------|----------------|---------|---------|---------|---------|---------|
|                    | 08             | 10      | 12      | 15      | 16      | 20      |
| Code (Rx)          |                |         |         |         |         |         |
| 1.00               | EC10/08        | -       | EC10/12 | -       | EC10/16 | EC10/20 |
| 1.25               | -              | EC12/10 | -       | EC12/15 | -       | EC12/20 |
| 1.50               | -              | EC15/10 | -       | EC15/15 | -       | EC15/20 |
| Code (OTW)         |                |         |         |         |         |         |
| 1.00               | E010/08        | -       | E010/12 | -       | E010/16 | E010/20 |
| 1.25               | -              | E012/10 | -       | E012/15 | -       | E012/20 |
| 1.50               | -              | E015/10 | -       | E015/15 | -       | E015/20 |

1 French (Fr) = 0.33mm, 1inch = 25.4mm, 1 bar = 0.987 atm = 101.3kPascal = 14.69psi