TERUMO INTERVENTIONAL SYSTEMS

Ultimaster Nagomi™

Sirolimus Eluting Coronary Stent System

On this page: Description Characteristics Preparation Clinical evidence General specifications Item specifications References

Description

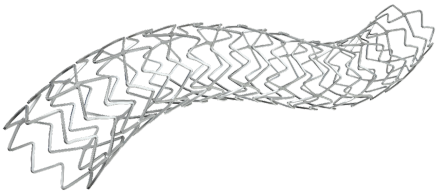
Navigate the complexities of every procedure for optimal outcomes for/with every patient

You can tackle any procedure with ease, adapting and conforming to the length and contours of vessels. Even in the most challenging anatomy, smooth trackability and reliable overexpansion allow for excellent maneuverability. Ultimaster Nagomi provides the versatility and flexibility you need to deliver the best possible results.[1-3]

As the newest solution in the Ultimaster™ product range — now with the largest size line-up — we build on its clinical legacy and expertise, adding a new level of innovation to your practice.[1-3]

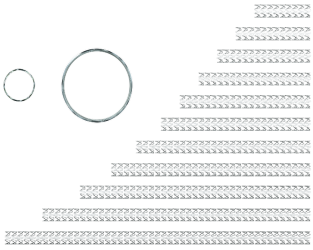
Go anywhere with Ultimaster Nagomi™.

Characteristics



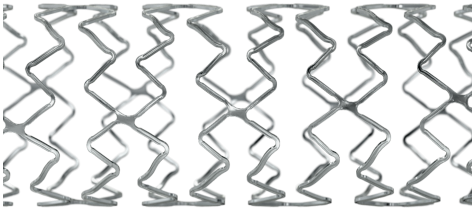
Improved Stent Design[4.5]

- **3 platforms** specifically designed to meet the needs of each vessel size[4,5]
- **Strut & band width shortened** to help increase flexibility (for Ø2.00mm to Ø2.50mm stents)[4-6]
- New **10-crown design** in the large vessel :
  - to ensure better apposition even in large bifurcations, including left main trunk[4,5,7]
  - allows a better expansion capability with a uniform vessel coverage compared to an 8-crown design[4,5,8,9]



Larger Size Line-up[11]

- The largest size line-up in the Ultimaster Family, from **Φ2.00 to Φ4.50mm** and **9 to 50mmlength** to treat a broader range of lesions[4,5,8]
- New 44 & 50m lengths, for optimal sizing in long lesions[4,5]



Greater Overexpansion Capability[11]

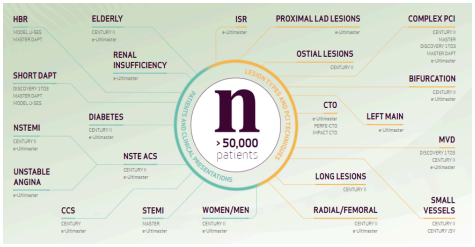
- 10-crown design for a better expansion in large vessels[4,5,8]
- Optimized **overexpansion capability, up to 6.25 mm** (for Ø3.50mm to Ø4.50mm stents)[8]

Excellent Deliverability[11]

- **New hydrophilic coating** for enhanced deliverability[10,11]
- New balloon with a **nominal pressure of 11 atm** for a better apposition[7,12]
- **Increased catheter inner lumen** for fast deflation time[13,14]

Inherited Drug and Polymer

Inherited abluminal gradient bioresorbable coating to maintain polymer integrity even when overexpanded, allowing for an optimized drug dose of sirolimus (3.9 µg/mm of stent)4,5,15,16, simultaneous polymer resorption and drug release within 3-4 months.



Ultimaster Nagomi™ is building on the Heritage of Strong Clinical Evidence of the Ultimaster™ Stent Family[22]

- **> 50,000 patients** enrolled in the Ultimaster™ clinical program, covering the most complex patient subgroups[17] :
  - Optimal vascular repair[18]
  - **Long term safety and efficacy** in RCT mirrored in real world clinical practice[19,20]
  - **1-month DAPT** in high-bleeding risk patients[21]

Preparation

Video instructions

Clinical evidence

TCD-10023PK Trial

20 patients, single arm, pharmocokinetics. Published.

DISCOVERY 1TO3 Trial

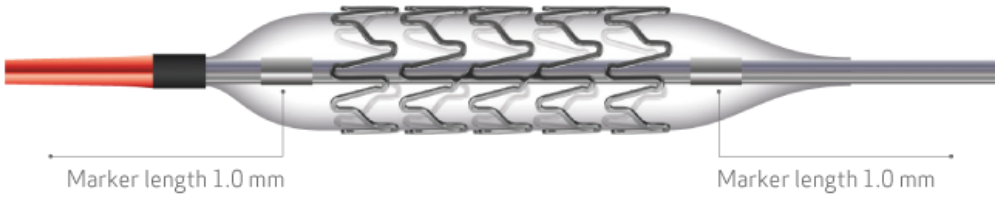
60 MVD patients with OFDI, single arm, primary endpoint TLF @ 12M. Published

See all clinical evidence ›

General specifications

Stent specifications	
Stent design	Open cell
Stent material	Cobalt Chromium L605
Strut thickness	80 µm
Drug	Sirolimus
Drug dose	3.9 µg/mm stent length
Polymer	Poly (DL-lactide-co-caprolactone)
Drug coating	Abluminal & gradient
Polymer degradation time and drug release	3-4 months

Enlarge table



Delivery system specifications		
Guidewire compatibility	0.014'' (0.36 mm)	
Nominal pressure	11 atm	
Rated burst pressure	16 atm	
Entry profile	0.018'' (0.45 mm)	
Coating	Hydrophilic – Distal shaft	
Minimum guide catheter	5 Fr for Ø 2.00 – Ø 4.00 mm (0.056''/1.42 mm)	6 Fr for Ø 4.50 mm (0.071''/1.80 mm)
Usable length	144 cm	

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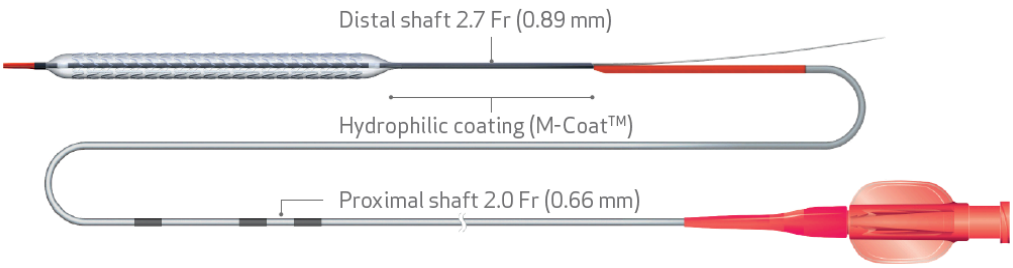

Item specifications

Length (mm)	Diameter (mm)							
	2.00	**2.25**	**2.50**	**2.75**	**3.00**	**3.50**	**4.00**	**4.50**
9	DE-RS2009ASM	DE-RS2209ASM	DE-RS2509ASM	DE-RS2709ASM	DE-RS3009ASM	DE-RS3509ASM	DE-RS4009ASM	DE-RS4509ASM
12	DE-RS2012ASM	DE-RS2212ASM	DE-RS2512ASM	DE-RS2712ASM	DE-RS3012ASM	DE-RS3512ASM	DE-RS4012ASM	DE-RS4512ASM
15	DE-RS2015ASM	DE-RS2215ASM	DE-RS2515ASM	DE-RS2715ASM	DE-RS3015ASM	DE-RS3515ASM	DE-RS4015ASM	DE-RS4515ASM
18	DE-RS2018ASM	DE-RS2218ASM	DE-RS2518ASM	DE-RS2718ASM	DE-RS3018ASM	DE-RS3518ASM	DE-RS4018ASM	DE-RS4518ASM

21	DE-RS2021ASM	DE-RS2221ASM	DE-RS2521ASM	DE-RS2721ASM	DE-RS3021ASM	DE-RS3521ASM	DE-RS4021ASM	DE-RS4521ASM
24	DE-RS2024ASM	DE-RS2224ASM	DE-RS2524ASM	DE-RS2724ASM	DE-RS3024ASM	DE-RS3524ASM	DE-RS4024ASM	DE-RS4524ASM
28	DE-RS2028ASM	DE-RS2228ASM	DE-RS2528ASM	DE-RS2728ASM	DE-RS3028ASM	DE-RS3528ASM	DE-RS4028ASM	DE-RS4528ASM
33	DE-RS2033ASM	DE-RS2233ASM	DE-RS2533ASM	DE-RS2733ASM	DE-RS3033ASM	DE-RS3533ASM	DE-RS4033ASM	DE-RS4533ASM
38	DE-RS2038ASM	DE-RS2238ASM	DE-RS2538ASM	DE-RS2738ASM	DE-RS3038ASM	DE-RS3538ASM	DE-RS4038ASM	DE-RS4538ASM
44	DE-RS2044ASM	DE-RS2244ASM	DE-RS2544ASM	DE-RS2744ASM	DE-RS3044ASM	DE-RS3544ASM	DE-RS4044ASM	DE-RS4544ASM
50	DE-RS2050ASM	DE-RS2250ASM	DE-RS2550ASM	DE-RS2750ASM	DE-RS3050ASM	DE-RS3550ASM	DE-RS4050ASM	DE-RS4550ASM
Post-dilation limit	**3.50 mm**			**4.50 mm**		**6.25 mm**		

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References

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22. We have proven equivalency according to the definition in MDR using the guidance on equivalency (MDCG 2020-5)

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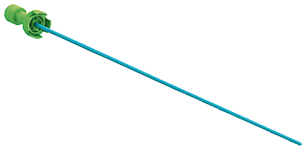

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