Dolphin

IP69K V4A enclosure in hygiene design

Benefits:

- **V4A stainless steel AISI 316L**
- **Consequent hygienic design**
- **IP69K protection class**
- **Compact size**
- **Flexible camera positioning**
- **High chemical resistance**
- **Vibration-proof mounting**
- **Camera mount included**
- **Good heat dissipation**

Technical Details:

Max. Camera Size (w x h)	40 x 40mm 29 x 47mm
Max. Lens Diameter	55mm
Inner Length	148mm (S) 188mm (M) 218mm (L)
Enclosure Dimensions (D x L, without gland and 100mm handle)	63 x 167mm (S) 63 x 207mm (M) 63 x 237mm (L)

Window Aperture	45mm
Standard Window **Lid for Special Windows** ----------	BK7, double sided AR Order Number: 80.005.017 ----------
IR Mirror **Sapphire** **Germanium** **Acrylic, uncoated, FDA** **Acryl, double sided AR**	Order Number: 20.000.010 Order Number: 20.000.016 Order Number: 20.000.017 Order Number: 20.000.032 Order Number: 20.000.029
Window Seal	EPDM

Protection Class (with hygiene cable gland)	IP69K

Weight (without camera mount, varies depending on exit)	Ca. 1360g (S) Ca. 1510g (M) Ca. 1710g (L)
Enclosure Material	Electro polished V4A stainless steel AISI 316L
Enclsoure Seals	EPDM

Sealing Area of the Hygiene Cable Gland	M25: 15-18mm M32: 20-25mm (with M25 Adapter only)
Cable Gland Seal	PVDF

The mount guarantees good heat dissipation

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Cable Exit and Options

Order Number: 2X.X70.138 - Dolphin S, IP69K
- BK7 window
- M25 hygiene cable gland rear
- M25 blind plug sideways

Options:
- 80.007.002 hygienic tube 25x19mm, price per meter
- 80.005.014 surcharge for M25 hygiene blind plug sideways

Order Number: 2X.X71.138 - Dolphin S, IP69K
- BK7 window
- M25 hygiene cable gland rear
- M25 blind plug sideways

Options:
- 80.007.001 hygienic tube 18x13mm, price per meter
- 80.005.014 surcharge for M25 hygiene blind plug sideways

Order Number: 2X.X80.138 - Dolphin S, IP69K
- BK7 Fenster
- Closed rear wall
- M25 hygiene cable gland sideways

Options:
- 80.007.002 hygienic tube 18x13mm, price per meter

Order Number: 2X.X81.138 - Dolphin S, IP69K
- BK7 window
- Closed rear wall
- M32 hygiene cable gland sideways

Options:
- 80.007.002 hygienic tube 25x19mm, price per meter

Order Number: 2X.X82.138 - Dolphin S, IP69K
- BK7 window
- Closed rear wall
- M25 stainless steel blind plug sideways

Order Numbers:

ID	Camera Height	Camera Length	Cable Exit	Cable Gland	Length
2	29: **0** | 30: **1** | 31: **2** 32: **3** | 33: **4** | 34: **5** 35: **6** | 36: **7** | 38: **8** 40: **9**	< 50mm: **3** < 74mm: **5** < 92mm: **7**	rear: **7** side: **8**	M25 hygiene IP69K: **0** M32 hygiene IP69K: **1** M25 standard IP66/IP67: **2** M25 extended IP66/IP67: **3**	S: **138** M: **188** L: **218**

Example: 20.370.138 - Dolphin, cam height =29mm, length <50mm, M25 hygiene gland rear, size S (top image)

The 30mm extension enables easier lens access

outboard of the maschine (hygienically)

inside the maschine (not hygienically)

The mount with M40 hygiene cable gland allows the housing handle to be mounted e.g. on a machine

Accessories:

Product	Image	Order No.
Mount standard		80.006.006
M32 Gland Hygiene		80.005.004
18x13 PUR Tube		80.007.001
Mount with M40 Gland		80.006.000
Position Ring		20.020.003

Product	Image	Order No..
M40 Gland Hygiene		80.005.005
M25 Gland Hygiene		80.005.003
25x19 PUR Tube		80.007.002
30mm Dol. Extension		80.005.030
M25 Hyg. Blind Plug		80.005.010
90° Tube-connector		80.006.002

Product	Image	Order No..
M25 Nut M32 Nut		80.005.006 80.005.007
M40 Nut stainless St.		80.005.008
M25 Adapter		80.005.001
M32 Adapter		80.005.002
Mounting Tool		80.006.101

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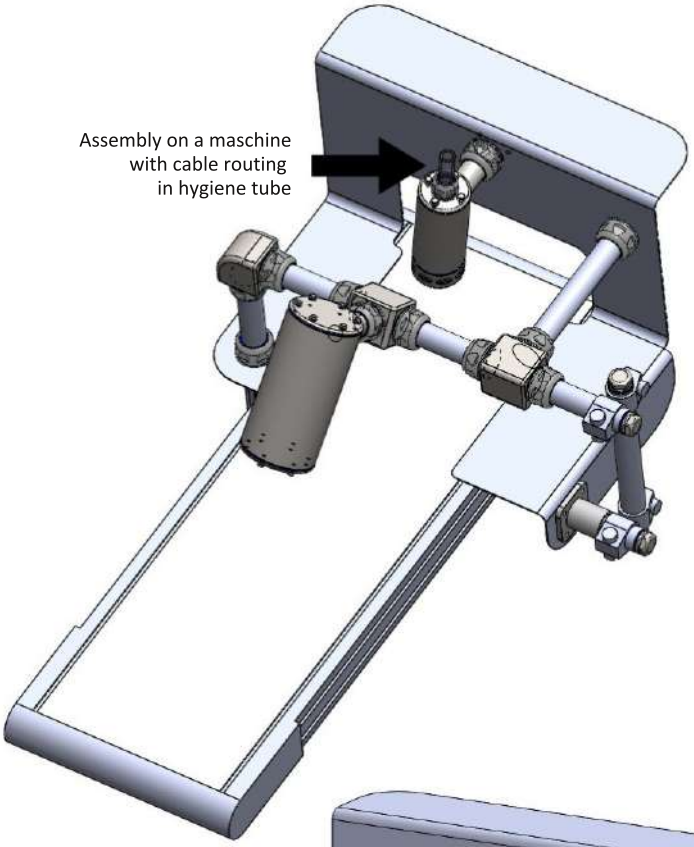
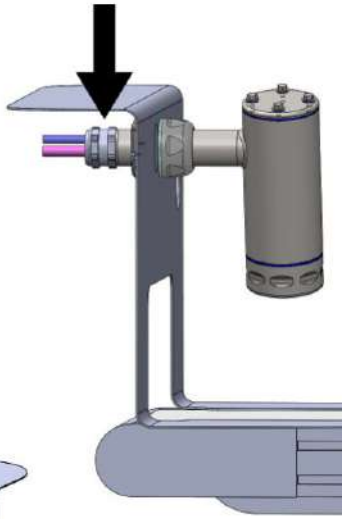
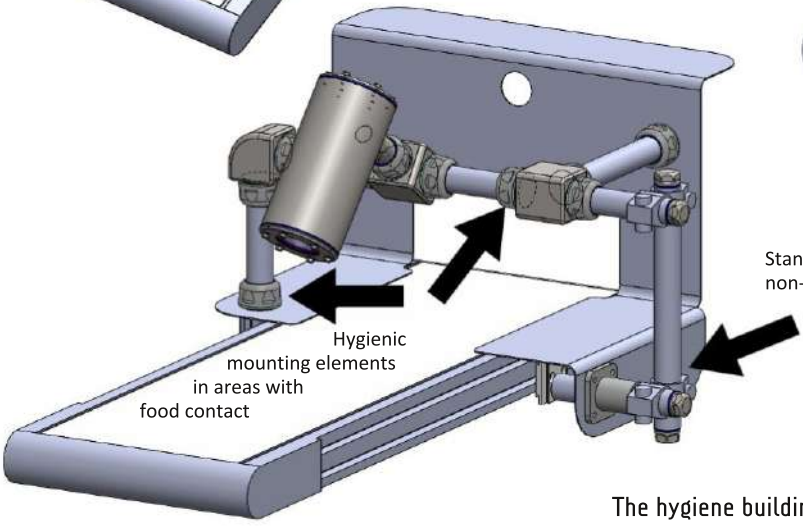


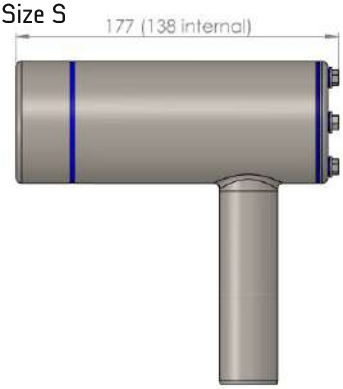
Assembly on a maschine
with cable routing
through handle



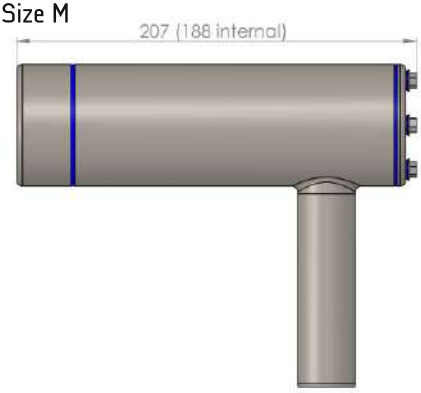


The hygiene building kit is comming soon!

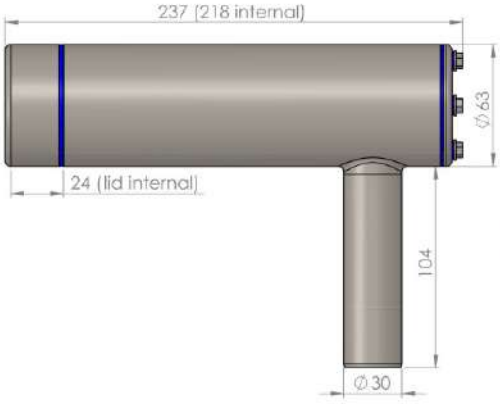
Size S



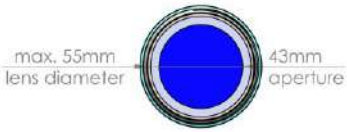
Size M



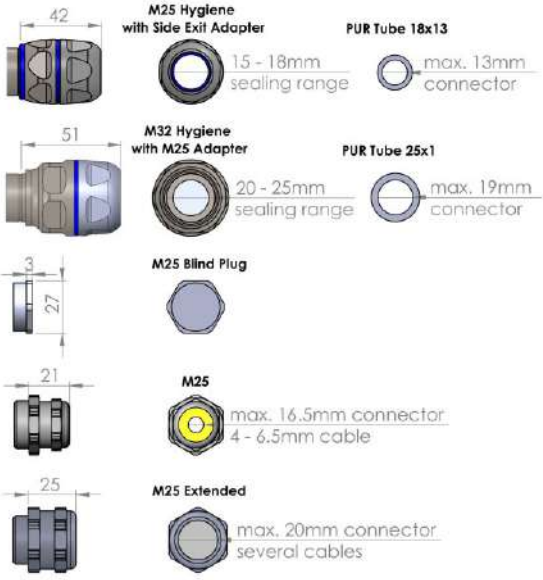
Size L



Front Lids



Options for Side Exit



Options for Rear Exit

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