



TM **DE DYNAMIC** Process Equipment

Retractable Housing Manual
SmartDip 240M

SmartDip 240M: Compact Retractable Electrode Housing

SmartDip 240M is a compact retractable electrode housing for 120mm long liquid analytical sensors with 12mm Diameter and PG-13.5 process connection. This compact model can be used for different analytical sensors such as pH, ORP, Dissolved Oxygen, Conductivity, Turbidity etcetera. Various type of process connections such as Triclover, NPT 1" and BSP 1" are available for mounting on pipe lines, reactor or vessels for in-situ measurement.

About Product:

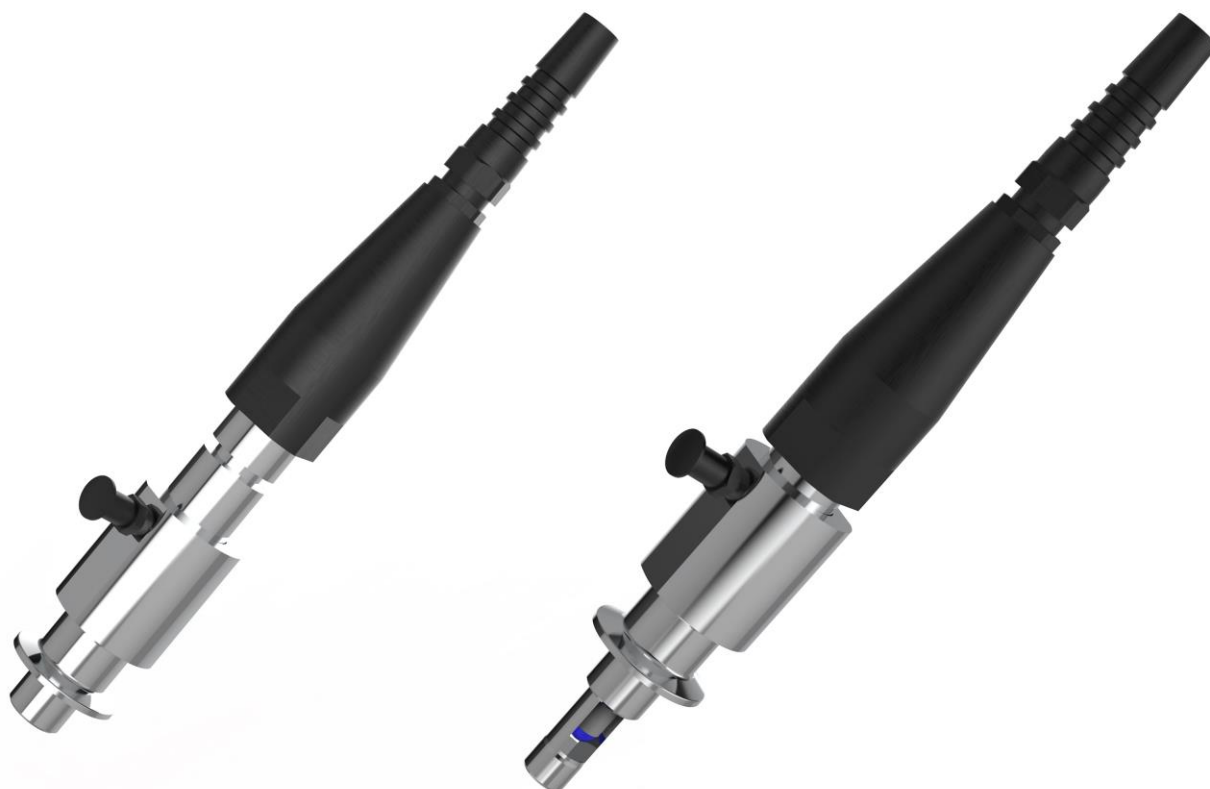
- Available in various material such as SS 316L, SS 904L, Titanium, Hastelloy C22 for wetted parts.
- Available in various sealing material such as EPDM, VITON, Kalrez.
- Various process connections: Tri-clover Clamp ISO/DIN, NPT 1" Male Thread, BSP 1" Male Thread etc.
- Stroke length 40mm

Unique Features:

- Compact design suitable for inline measurement application in Water, food & Beverage and dairy industries.
- Fits 120mm long electrodes which are more readily available and durable.
- Short 40mm stroke length for less wear & tear.
- Scrap & Seal assembly for durability of the sealing material.

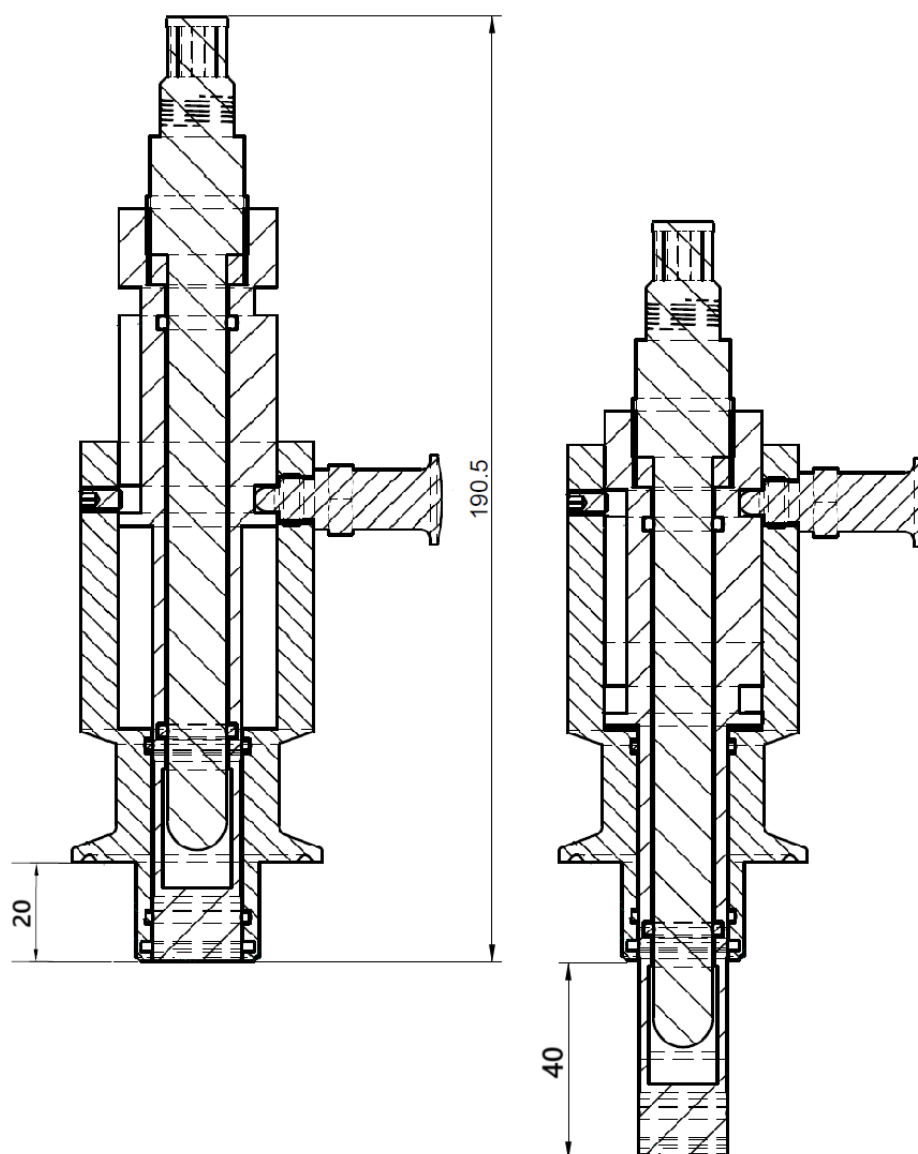
Benefits:

- Quick and easy Sensor retraction for calibration or maintenance without process interruption.
- Ease of operation and maintenance of measurement point.
- Plug & Use Modular design for ease of installation and maintenance.
- Usable in hazardous areas and awkward positions.
- Ergonomic manual operation with latch mechanism.



Specification Sheet:

Model	SmartDip 240M
Pressure	0 to 10 Bar
Temperature	-10 to 140 °C
Sensors	120mm ø12 PG13.5
Wetted Material	SS316L, SS904L, C22 Hastelloy, Titanium
Seals	EPDM, FPM (Viton), FFKM (Kalrez)
Process Connection	Tri-clover ISO/DIN, NPT 1" Male Thread, Dairy Fitting



Application:

- Harsh Chemical
- Specialty Chemicals
- Pharmaceutical/API Manufacturing
- Effluent Treatment
- Pulp & Paper Industry
- Power Plant
- Battery Recycling

Ordering Code:

SmartDip 240M	_Code	MOC of Wetted Parts		
	1	316L		
	2	904L		
	3	C22		
	4	Titanium		
		_Code	MOC of Seals	
		EP	EPDM	
		VI	VITON (FPM)	
		FK	FFKM (Kalrez)	
			_Code	Process Connection
			N2	1" NPT Thread
			T1	Triclover ISO DN25/32, DIN DN25/32/40
			D1	Dairy Fitting DN50
			D2	Dairy Fitting DN60

Also check out our range of **Retractable Housings** for Liquid Analytics...



SmartDip 405M

SmartDip 405M is a retractable electrode housing with pneumatically operated drive Unit. This metal body model can be implemented in harsh chemical applications through flan...



SmartDip 220M

SmartDip 220M is a compact retractable electrode housing with manual drive Unit. This metal body model can be implemented in different chemical applications including ferment...



SmartDip 405P

SmartDip 405P is a retractable electrode housing with pneumatically operated drive Unit. This plastic body model can be implemented in harsh chemical applications through flan...



SmartDip 250M

SmartDip 250M is a manually operated Retractable electrode housing with long immersion lengths and ball valve for isolation. It can fit 120mm long Sensor.



SmartDip 420M

SmartDip 420M is a compact retractable electrode housing with pneumatically operated drive Unit. This metal body model can be implemented in different chemical applicatio...



SmartDip 240M

SmartDip 240M is a compact retractable electrode housing. This version can fit 120mm long sensor. It comes with 1" NPT, Triclover connection.



SmartDip 450M

SmartDip 450M is a pneumatically operated retractable electrode housing with long immersion length and isolation ball valve. This unique model can fit 120mm long sensor.