



TM **DE DYNAMIC** Process Equipment

Retractable Housing Manual
SmartDip 250M

SmartDip 250M: Manually Retractable Electrode Housing

SmartDip 250M is a manually retractable electrode housing with long immersion length up to 350mm from mounting flange. This metal body model can be implemented in different chemical applications including tanks, vessels and reactors for In-situ measurements of parameters such as pH/ORP, Conductivity and Dissolved Oxygen. SmartDip 250M has a ball valve the most reliable and widely accepted isolating equipment for isolation in the service position. The user-friendly design makes it much easier to remove the sensor from the housing for calibration.

About Product:

- Available in various material such as SS 316L, Titanium for wetted parts.
- Available in various sealing material such as EPDM, VITON, KALREZ.
- Various process connections: Flange size ANSI 1.5" and above.
- Immersion length available up to 350mm.

Unique Features:

- Ball valve for isolation in service position.
- Fits 120mm long electrodes which are most readily available and durable.
- In-built flushing chamber for cleaning and safe storage of the sensor.
- Scrap & Seal assembly for durability of the sealing material.

Benefits:

- Quick and easy Sensor cleaning, calibration or maintenance without process interruption.
- Improved accuracy, reliability and life of process sensors such as pH Electrodes.
- Ease of operation and maintenance of measurement point.
- Plug & Use Modular design for ease of installation and maintenance.
- Ergonomic manual operation with measurement position latch mechanism.

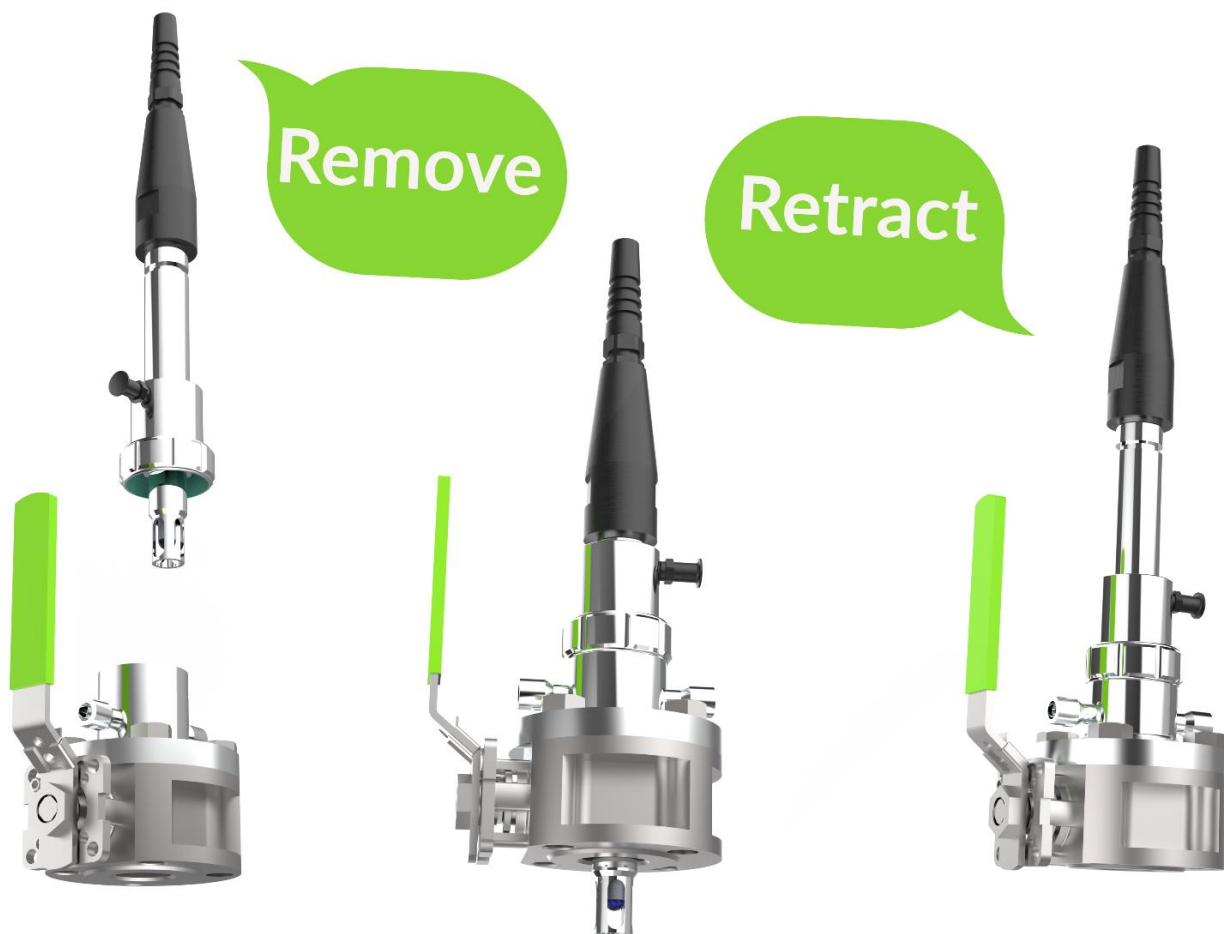
Specification Sheet:

Model	SmartDip 250M
Pressure	0 to 10 Bar
Process Temperature	up to 140 °C
Immersion Length	up to 350 mm
O-ring position	NA
pH/DO Sensor Specs	120mm ø12mm PG13.5
Wetted Material	SS316L, Titanium
Seals	EPDM, FPM (Viton), FFKM (Kalrez)
Isolation Valve	Wafer Type Manual Ball Valve ANSI 1.5" (and above) PTFE Lined Ball Valve Available for Highly Corrosive Application.
Flushing Port	G1/4" Female

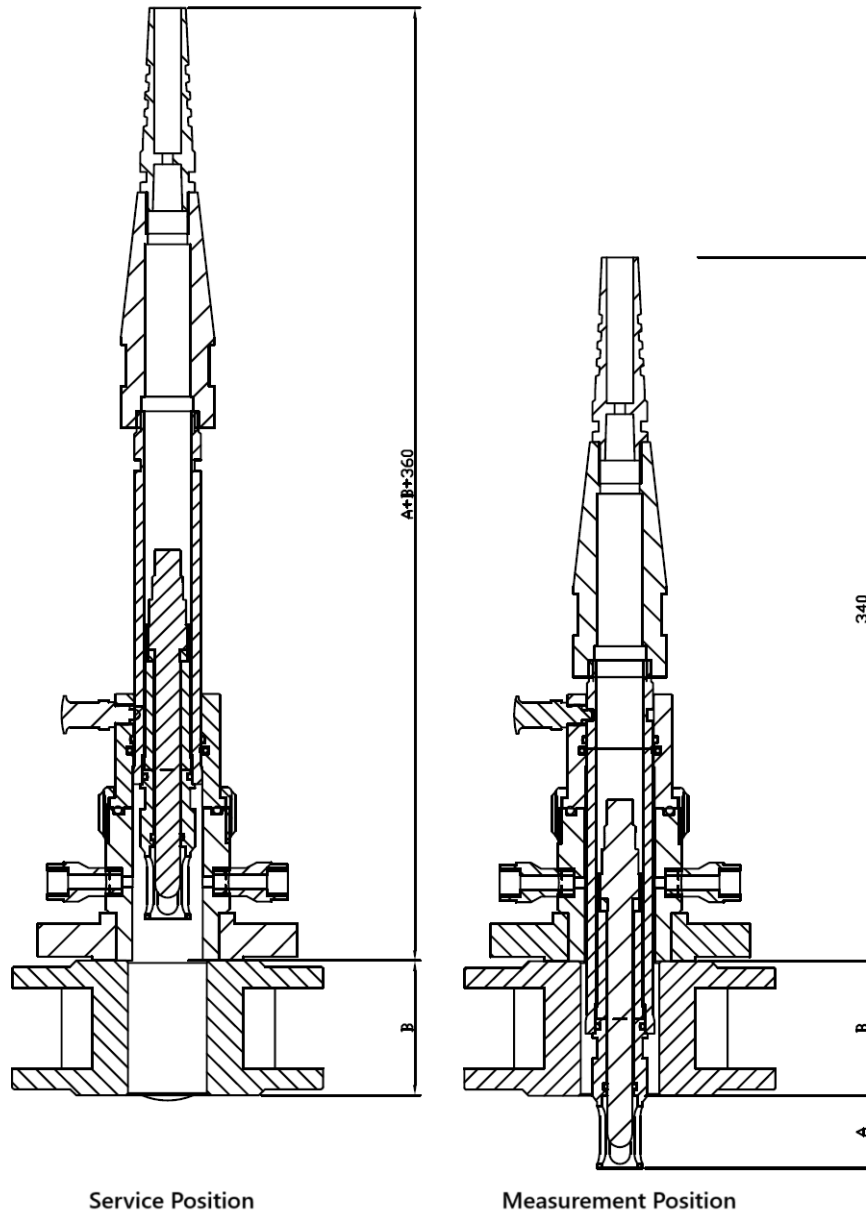
SmartDip 250M



Unique Feature



Dimension Drawing:



DIMENSION	
A	INSERTION LENGTH
B	VALVE LENGTH

Applications:-

- Chemical Process
- Wastewater
- Petrochemicals & Refinery
- Pulp & Paper Industry
- Power Plant
- Battery Recycling

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.