

## Easy Sensor Access In Harsh Chemical Applications



### Flexibility in maintenance intervals

Gain access to the sensor without interrupting the process. Simple retraction and process sealing via ball valve allows easy maintenance.



### Wide range of installation options

Adjustable insertion length up to 220 mm (8.66") allows simple installation in a variety of applications. The unique design provides further versatility by accepting any pH, DO and Turbidity measurements. Different process connections are available to have multiple installation options.



### Increased production uptime

The durable design ensures reliable operation in the most aggressive applications. The housing is available in stainless steel, Hastelloy or titanium with Viton® or Kalrez® sealing.



### High operational safety

A ball valve is the industry proven solution to separate the process from the environment. The InTrac 785 has been engineered with an integral anti-blowout tip for maximum safety. The ball valve of the InTrac 785 safely isolates the sensor from the process for safe, continuous operation.



### InTrac 785 – The reliable and easy to use retractable housing for harsh environments

The InTrac 785 retractable housing is the easy way of getting access to the sensor without process interruption. Whenever maintenance on the sensor is required, a simple retraction of the sensor and closing the ball valve allows fast sensor operation.

The housing is specially designed for harsh chemical applications and is available in different materials for medium wetted parts (1.4435/316L, Hastelloy, titanium). This ensures reliable operation even in demanding chemical and pulp and paper applications.

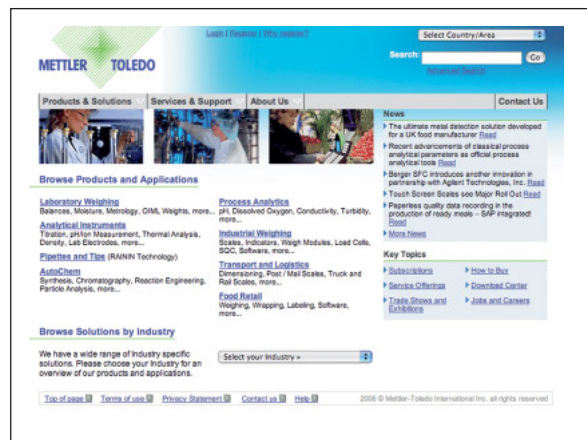
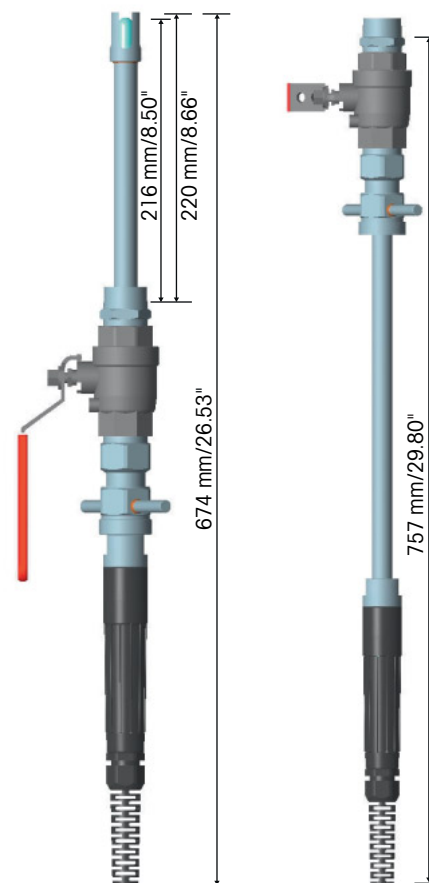
The InTrac 785 allows a wide range of installation possibilities, thanks to the long insertion length (user-adjustable with an adjusting collar) and a wide variety of process connections. If the ball valve is already present or a factory standard needs to be used, this housing is also available without ball valve and process connection.

## Technical data InTrac 785

Designation	InTrac 785
Design pressure	16 bar / 232 psi
Functional pressure	6 bar / 87 psi
Process temperature	130 °C / 266 °F
Insertion length	Up to 220 mm / 8.66 inches (adjustable)
Process connections	1" M NPT, 1 1/4" M NPT, flange ANSI A150-1.5, flange DIN DN50 PN16, without ball valve and process connection
Medium wetted parts	1.4435 / 316L / C22 / titanium, ball valve always made of 1.4408
O-ring material	Viton® or Kalrez®
Ball valve	1" NPT full port, 1.4408 (also C22 and Ti versions equipped with ball valve made of 1.4408)
Flushing chamber	Optionally available
Protective cage	Yes
Safety feature	Anti-blowout tip: provides a positive stop while retracting the sensor to prevent accidental blowout
Suitable sensors	pH: all 12 mm design with 425 mm length Turbidity: all with 409 mm length Oxygen: all with 420 mm length

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