

InTrac[®] 787 retractable housing for in-line pH/ORP and O₂ measurements.



Safety chain rated to 180 kg (400 lbs.) for ease-of-use and maximum protection.

Anti-blowout lip provides a positive stop while retracting the sensor to prevent accidental blowout.

The Mettler-Toledo InTrac 787 retractable housing is designed for continuous in-line measurements in industrial processes including chemical, pulp & paper applications. The hot-tap design allows the sensor to be removed from a process line, tank, or vessel without interrupting the flow or draining the container when retracted through a ball valve.

All Mettler-Toledo 12 x 120 mm sensors with detachable cables may be used with the InTrac 787. Integrated flushing ports allow an in-line rinsing of the electrode without removing it from the process. The ball valve provides a safe, tight process seal.

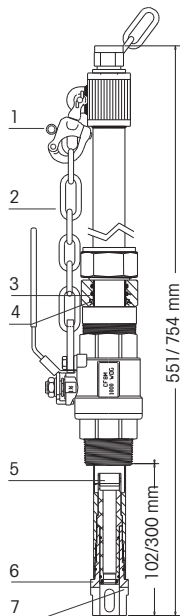
For increased installation flexibility, there are two versions available with variable insertion length from 0 to 100 mm, and 0 to 300 mm.

Key safety advantages include

- Safe process sealing due to a ball valve
- Integrated anti-blowout lip prevents accidental blowout
- Safety chain rated to 1.7 kN (400 lbs.) working load limit
- Double o-ring process seals provide redundant protection against process leakage
- Flushing ports for cleaning without interrupting the process
- Two different sensor insertion depths (100/300 mm 4/12")
- All wetted parts 3.1B certified

InTrac® 787 retractable housing.

The InTrac 787 has been specially designed to meet your application requirements by offering two versions for the process insertion tube. The standard housing was designed to fit any of our detachable cable 120 mm sensors and features a sensor cage for added protection against sensor breakage and optional flushing ports for increased cleanability.



- 1 Quick release latch
- 2 SS chain
- 3 Dual o-ring seal
- 4 Wiper ring
- 5 Electrode holder
- 6 Cage for electrode protection
- 7 Anti blow out lip

Specifications

Dimensions	see dimensional drawing			
Maximum pressure*	9 bar (130 psi)			
Maximum temperature*	140 °C (266 °F)			
Insertion length	variable 0 to 100 (300) mm / 0" to 4 (12)"			
Wetted parts	Housing	316L Stainless Steel (3.1B)		
	O-rings	Viton®		
	Ball valve	Ball	316 (1.4401)	
		Housing	CF-8M (1.4408)	
	Sealing	PTFE		
Ball valve	DN40, 1.5" NPT full port			

* See electrode specification

Ordering information

InTrac 787 including: complete housing with ball valve, electrode holder (120 mm) with protection cage and flushing ports.

Description	Order Number
InTrac 787/100 mm (4")	52 402 401
InTrac 787/300 mm (12")	52 402 402
Flange C40 PN16 1 1/2" NPT	52 402 404
Flange ANSI 150/6 1 1/2" NPT	52 402 405

See appropriate data sheets for sensor and cable specifications and ordering information.

Spare parts and options

Immersion tube complete for 100 mm (4") version, incl. 3.1B	52 402 389
Immersion tube complete for 300 mm (12") version, incl. 3.1B	52 402 390
Ball valve / DN40-1" NPT / 3.1B	52 402 422
Double nipple 1" NPT / 3.1B	52 402 421
Serto for flushing ports 787 / D6 mm	52 402 465
Serto for flushing ports 787 / D6,35 mm	52 402 466
Swagelok for flushing port 787 / 6 mm	52 402 467
Swagelok for flushing port 787 / 6,35 mm	52 402 468
O-ring set (5) InTrac787 Viton cpl.	52 402 403
O-ring set (5) 120 mm electrode holder / Vi	52 402 463
Flushing chamber InTrac787 incl. nipples	52 402 464
Electrode holder 120 mm cpl.	52 402 469
Chain cpl.	52 402 470
Cable fitting cpl.	52 402 471

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Sales and service:



Management System
certified according to
ISO 9001 / ISO 14001



<http://www.mtpro.com>

Mettler-Toledo GmbH, Process Analytics
Industrie Nord, CH-8902 Urdorf
Phone + 41 44 729 62 11, Fax +41 44 729 66 36

Subject to technical changes.
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