

Versatile and Rugged For the Toughest Processes



Wide range of options to meet your needs

Various construction materials, process connections, insertion lengths, and high process temperature and pressure options ensure model availability to meet your requirements.



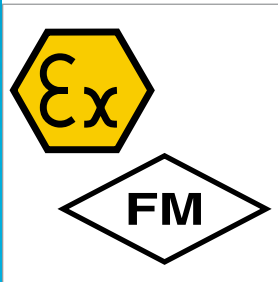
Remove the sensor without stopping the process

The sensor can be cleaned, calibrated or exchanged without process interruption.



Most efficient sensor cleaning

New cleaning chamber design with 4 integrated spray nozzle which make sensor cleaning more efficient than ever.



Compliant with international standards

The housings meet the strict requirements of major international guidelines including ATEX and FM Approvals.



InTrac 781/784

Sensor Housings for Harsh Conditions

InTrac 781/784 retractable housings are specially designed for use in a wide range of harsh industrial processes. Wetted parts are available in different materials, offering installation flexibility in many applications.

The intelligent sensor locking system prevents deployment of the insertion rod if no sensor is present.

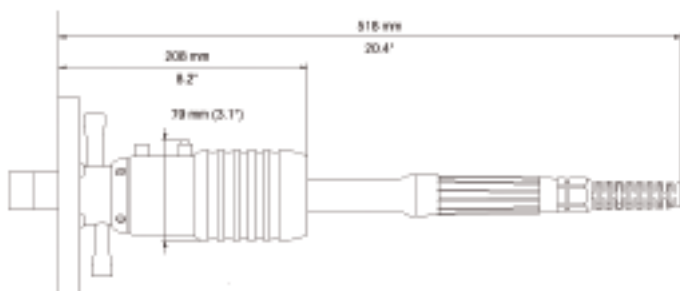
InTrac housings can be operated with EasyClean systems for automatic sensor cleaning, flushing and calibration. With the housings' specially designed cleaning chamber, sensors can be thoroughly and quickly cleaned whenever required.

See more about InTrac 781/784 at

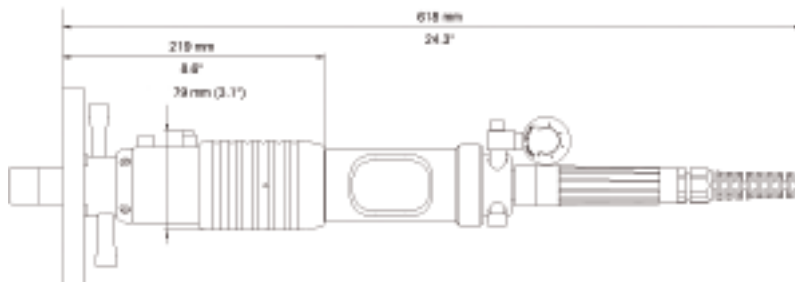
► www.mt.com/housings

Technical data of the InTrac 781/784

Designation	InTrac 781/784	
Maximum permissible pressure and temperature	SS316L, Alloy C-22	16 bar at 120 °C or 10 bar at 140 °C 232.1 psi at 248 °F or 145 psi at 284 °F
	PP	4 bar at 60 °C or 2 bar at 70 °C 58.02 psi at 140 °F or 29.01 psi at 158 °F
	PVDF/C-22 (PVDH)	6 bar at 90 °C or 4 bar at 100 °C 87.02 psi at 194 °F or 58.02 psi at 212 °F
	PEEK	10 bar at 100 °C or 6 bar at 120 °C 145 psi at 212 °F or 87.02 psi at 248 °F
	PVDF	2 bar at 90 °C / 29 psi at 194 °F
Operating mode	Manual, or pneumatic, or pneumatic with inductive sensors for sensor position indication	
Process connection	Flanges: DIN or AISI, or NPT 1 1/4" or Ingold DN 25	
Wetted parts	1.4404 / Alloy C-22, PP, PVDF, PEEK or combination of PVDF / Alloy C-22 (PVDH)	
Immersion lengths (approx.)	80 mm / 3.15", 280 mm / 11.02"	
Sensor lengths	225 / 250 mm (8.86" / 9.84") or 425 / 450 mm (16.73" / 17.72")	
Flushing connection	G 1/8" or G 1/4" thread female or 1/4" NPT female	
Sensor protective cage	Yes	
Certificates	ATEX, FM approvals, Declaration of Conformity (CE)	
Suitable sensors	InTrac 781	with 12 mm, Pg 13.5 sensors (including pH, O ₂ , CO ₂ or conductivity)
	InTrac 784	InPro 2000 (i) or 465 sensors



InTrac 781M
(with sensor length 225/425mm)



InTrac 784M
(with sensor length 250/450mm)

www.mt.com/pro

For more information

Sales and service:



Management System
certified according to
ISO 9001 / ISO 14001

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Subject to technical changes
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