



Tel. 705 682 2828
sales@chesscontrols.com
Fax. 705 682 0847

Process Adaptions and Sensor Housings

Sensor Housings for Uninterrupted Processes
Sensor housings, or process adaptions, enable an analytical sensor to be safely connected to all common process environments, including open basins, pipes, closed tanks, chemical reactors, bioreactors and fermentation vessels. METTLER TOLEDO process housings are designed to withstand any environment to ensure safe, productive and efficient in-line measurements. Process adaptions can be tailored to meet requirements for strength, safety, corrosion resistance and performance.



InFit 761e Stationary - Steel

Operation
Stationary

Sensors Accepted
pH & ORP (12mm); Dissolved oxygen;
CO₂; Conductivity; Turbidity

Model Family
InFit 76X

InFit 762e Stationary - Steel

Operation
Stationary

Sensors Accepted
pH & ORP (12mm); Dissolved oxygen;
CO₂; Conductivity; Turbidity

Model Family
InFit 76X

InFit 763e Stationary - Steel

Operation
Stationary

Sensors Accepted
pH & ORP (liquid filled)

Model Family
InFit 76X

InFit 764e Stationary - Steel

Operation
Stationary

Sensors Accepted
pH & ORP (liquid filled)

Model Family
InFit 76X

InFit 761e Stationary - Plastic

Operation
Stationary

Sensors Accepted
pH & ORP (12mm); Dissolved oxygen;
CO₂; Conductivity; Turbidity

Model Family
InFit 76X

InFit 764e Stationary - Plastic

Operation
Stationary

Sensors Accepted
pH & ORP (liquid filled)

Model Family
InFit 76X

InFit 763e Stationary - Plastic

Operation
Stationary

Sensors Accepted
pH & ORP (liquid filled)

Model Family
InFit 76X

InTrac 781 (Single Flushing Chamber, Chemical Applications)

Operation
Manual, or pneumatic, or pneumatic with
inductive sensors for sensor position
indication

Sensors Accepted
12mm diameter (Pg13.5) sensor

Sensor insertion lengths
225 (8.86") or 425 (16.73")

InTrac 787 Retractable Housing

The InTrac 787 is a rugged, stainless steel retractable housing designed for 120 mm pH, DO, conductivity & turbidity sensors. The ball valve design allows for direct mounting on process lines, tanks & reactor vessels in harsh environments. [Read more](#)

Operation

Retractable (Manual)

Sensors Accepted

pH & ORP; Dissolved oxygen;
Conductivity; Turbidity

Model Family

InTrac 78X

InTrac 797e Retractable Housing

The InTrac 797e stainless steel retractable housing is designed for processes that use 12mm electrodes to measure pH, DO, CO2 conductivity. With a double flushing chamber, it is designed to prevent contamination in sterile production. [Read more](#)

Operation

Retractable (Manual); Retractable
(Pneumatic)

Sensors Accepted

pH & ORP (12mm); Dissolved oxygen;
CO2; Conductivity

Model Family

InTrac 79X

InTrac 785 Retractable Housing

Operation

Retractable (Manual)

Sensors Accepted

pH & ORP; Dissolved oxygen;
Conductivity; Turbidity

Model Family

InTrac 78X

InTrac 799e Retractable Housing

The InTrac 799e stainless steel retractable housing is designed for processes that use 12mm turbidity sensors. With a double flushing chamber, it is designed to prevent contamination in sterile production. [Read more](#)

Operation

Retractable (Manual); Retractable
(Pneumatic)

Sensors Accepted

Turbidity

Model Family

InTrac 79X

InTrac 776e Retractable Housing

The InTrac 776e retractable housing is for applications in that utilize refillable-liquid electrolyte pH sensors. With a built-in flushing chamber, the electrode can be cleaned/recalibrated without interruption. [Read more](#)

Operation

Retractable (Manual); Retractable
(Pneumatic)

Sensors Accepted

pH & ORP (liquid filled)

Model Family

InTrac 77X

InTrac 777e Retractable Housing

The InTrac 777e retractable housing is designed for industrial processes that use 12mm gel-filled electrodes for the measurement of pH/ORP, DO, CO2 & conductivity. With a built-in flushing chamber, the electrode can be cleaned without interruption. [Read more](#)

Operation

Retractable (Manual); Retractable
(Pneumatic)

Sensors Accepted

pH & ORP (12mm); Dissolved oxygen;
CO2; Conductivity

Model Family

InTrac 77X

InTrac 779e Retractable Housing

The InTrac 779e retractable housing is designed for industrial processes that use 12mm turbidity sensors. With a built-in flushing chamber, the electrode can be cleaned/recalibrated without interruption. [Read more](#)

Operation

Retractable (Manual); Retractable
(Pneumatic)

Sensors Accepted

Turbidity

Model Family

InTrac 77X

InFlow 751 Flow-Through - PVDF Housing

The InFlow 751 PVDF flow-through housing is designed for direct fitting of 120 mm long analytical sensors directly into industrial wastewater and other processes. The housing is designed to protect the sensor against mechanical damage. [Read more](#)

Operation

Flow-Through

Sensors Accepted

pH & ORP; Dissolved oxygen; CO2;
Conductivity; Turbidity

Model Family

InFlow 751

InFlow 762e Flow-Through Housing

The InFlow 762e is a rugged PVDF, flow-through housing suited to the requirements of the chemical processing applications. It is designed for measuring points in a bypass (pipe). The InFlow 762e is suitable for 12 mm analytical sensors. [Read more](#)

Operation Flow-Through	Sensors Accepted pH & ORP; Dissolved oxygen; CO2; Conductivity; Turbidity
Model Family InFlow 76X	

InFlow 751 Flow-Through - PVC Housing

The InFlow 751 PVC flow-through housing is designed for direct fitting of 120 mm long analytical sensors directly into industrial wastewater and other processes. The housing is designed to protect the sensor against mechanical damage. [Read more](#)

Operation Flow-Through	Sensors Accepted pH & ORP; Dissolved oxygen; CO2; Conductivity; Turbidity
Model Family InFlow 751	

InFlow 761e Flow-Through Housing

The InFlow 761e is a stainless-steel, flow-through housing suited to the requirements of chemical processing applications. It is designed for measuring points in a bypass (pipe). The InFlow 761e is suitable for 12 mm analytical sensors. [Read more](#)

Operation Flow-Through	Sensors Accepted pH & ORP; Dissolved oxygen; CO2; Conductivity; Turbidity
Model Family InFlow 76X	

InDip 500 Immersion

Operation Immersion	Sensors Accepted pH & ORP (12mm); Dissolved oxygen; CO2; Conductivity; Turbidity
Model Family InDip 500	
