

## Chambers for analysis

**Stainless Steel sensor fitting for process installation of pH, ORP, conductivity and temperature sensors in food & beverage and pharmaceutical industry applications**



Pos	Description	Model	Process connections	Sensors connections
1	SS 316L pipe for conductivity cell	FWP-S-001	DN20 Flanges	Sanitary type lock ring DN50
2	SS 316L pipe for pH electrode	FWP-S-014	DN20 Flanges	Threaded, 3/4" NPT
3	SS 316L Measure chamber for pH electrode	FWP-S-002	Clamp 3/4"	Clamp 1"
4	SS 316L Armor for pH electrode	FWP-S-003	Clamp 1"	PG 13,5
5	SS 316L pipe for conductivity cell	FWP-S-007	Clamp 2"	Clamp 1"
6	Sanitary type sensor fitting	SI/AL	Sanitary type lock ring DN50	-
7	Conductivity cell, K=1 PSU body, c/w Pt100	FWP-S-008	Sanitary type lock ring 1 1/4"	-
8	Conductivity cell, K=1, SS 316L body, c/w Pt100	FWP-S-006	Clamp 1"	-

N.B.: All the chambers listed in the preceding table (item 1÷5) have been manufactured on specific customer request for the application in the pharmaceutical industry.

We are available to design and produce, on specific customer requests, new chambers with dimensions, connections and material of construction suitable for all the applications in the food & beverage industry and in the pharmaceutical industry.

# Chambers for analysis

---

## Technical Specifications

Body material: .....316L SS, Kynar, PSU, others upon request  
Process connections: ..... see photograph and description  
Sensor connections: ..... see photograph and description  
Housed sensors: ..... CLR sensors for pH, ORP, conductivity and temperature  
Operating temperature limits: ..... according to customer specification

This is a series of chambers designed to house pH, ORP, Conductivity and Temperature sensors and specifically manufactured for the installation in food & beverage industry and in pharmaceutical industry. Materials at contact are, upon request, SS 316L, Kynar, PSU. Process connections (sanitary) are flanged, clamp or lock ring type. All wetted parts are finished according to pertinent rules requirements. Typical applications for these chambers for analysis are for pH, ORP, conductivity and temperature measures in food & beverage and pharmaceutical industry.

## Advantages

- **Construction materials according to customer specifications**
- **New chambers for analysis can be designed and constructed upon specific customer demand**

