

CFDPLAS® PTFE COD Digestion Tanks

CFDPLAS® digestion tank is the pretreatment unit to date specifically designed to monitor the chemical oxygen demand of various wastewater, domestic sewage, and surface water. PTFE COD microwave digestion tank is made of polytetrafluoroethylene material. It has excellent Chemical stability, corrosion resistance, sealing, high lubrication, non-stickiness, electrical edge, and good aging resistance.

Features:

- ❑ High temperature resistance: Working temperature : $-200 \sim +220^{\circ}\text{C}$, heating plate 250°C for short time, open flame heating should be used in asbestos net.
- ❑ Low temperature resistance : -196°C can maintain 5%
- ❑ Corrosion resistance : excellent chemical resistance, resistant to almost all chemical solvents (strong acid, strong alkali, aqua regia and various organic solvents).
- ❑ Explosion proof opening : explosion-proof overflow, safe and reliable.
- ❑ Insulation resistance : dielectric properties are independent of temperature and frequency.
- ❑ Non-adhesion : no adhesion to any substance; no poison.
- ❑ Anti-pollution : the blank value of metal elements is low, the lead content is less than $10-11\text{g/ml}$, and the uranium content is less than $10-12\text{g/ml}$.

Application:

This PTFE COD digestion tank is designed for use with microwave digestion instruments for COD digestion analysis and other laboratory applications.

PTFE Digestion vessels widely used new materials, energy, environmental engineering and other fields of scientific research and experiments, is university teaching, scientific research units commonly used small reactors..

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Reactor Model No.	Volume (ml)	Diameter (mm)	Height (mm)	Materials	Remarks
CFD-COD-0030	30	38	118	PTFE	Customized available
CFD-COD-0050	50	48	130	PTFE	Customized available
CFD-COD-0100	100	58	134	PTFE	Customized available
CFD-COD-0200	200	69	163	PTFE	Customized available
* Precautions	1. After digestion is completed, carefully take out the sample, and the pressure relief hole should not be aimed at anyone. 2. After the digestion tank is reduced to room temperature, open the lid. 3. Use and operate according to the instructions of microwave digestion equipment.				

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