

PTA Crystallization Reactor

This large-scale reactor is designed for PTA (Purified Terephthalic Acid) crystallization processes. It facilitates controlled cooling and crystallization of PTA slurry with its multi-compartment design.



ADDITIONAL IMAGES



Product Overview

Industrial PTA Crystallization Reactor

This large-scale crystallization reactor is engineered for the demanding requirements of Purified Terephthalic Acid (PTA) production. Designed to handle extreme thermal and pressure conditions, it features a multi-compartment internal structure that facilitates controlled cooling and efficient crystallization of PTA slurry. Its high-grade construction and corrosion-resistant materials ensure longevity and reliability in complex petrochemical processing environments.

Technical Specifications

Operating Temperatures

- 225°C
- 245°C
- 269°C

Available Dimensions

Size Specification

\$4400×11250×98+3

\$4200×10000×58+3

\$3800×9890×34+3

Equipment Weight

132 T

Max Weight

70 T

Medium Weight

40.9 T

Min Weight

Material Composition

16MnR + 00Gr19Ni10

Design Pressure

5.2 MPa, 3.47 MPa, 2.21 MPa, Full Vacuum