

Product Name :
Sulphuric Acid Tank

Product Code :
LIM-CAT-L0021-00010



Description :

Sulphuric Acid Tank

Technical Specification :

Sulphuric Acid Tank

Sulphuric acid tank used for the recycling of yeast after the process of fermentation is completed (Melle-Boinot Process: Yeast recycling at pH=2-2.5 [H₂SO₄: 0.01M] for 1-2hrs). It meet the following general specifications:

Material: HDPE (High Density Polyethylene) Non-metal Tank due to high corrosive property of sulphuric acid, tank to hold acid liquid (pH=2-2.5) Capacity: ±100 liters

Number of layers: >3

Core components: vertical mixer/agitator (motor/power: as per the manufacturer, rpm: as per the manufacturer; but low power consumption and gentle stirring are required, vertical displacement pump with motor and all its acid resistant accessories for solution transfer directly to the fermenter.

Humanized structure design and easy to operate.

Provided with an in-tank feed line to be connected to an outside water line, useful in preparation processes.

Liquid level transmitter or a Level glass tube required.

A pH meter which meets the following specifications:

Power supply: Battery

A pH=7.00 calibration solution

Two (2) cleaning solutions

A carrying case

Measuring range: pH:0.0 to 14.0 (±0.1)

An incorporated Automatic Temperature Compensation (ATC) function

Type: Vertical chemical storage tank.

Sampling cock at the base of the tank to allow for various measurements such as pH

This tank is provided a tank drain valve useful when the tank needs to be emptied for new solution makeup and cleaning of the tank bottom.

Stable operation, convenient maintenance and Easy to operate CIP (Clean-In-Place) system.

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