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Product Name :
Dissolved Air Flotation

Product Code :
LBNY-0005-12700045



Description :

Flotation tank with electrically driven scraper
Pressure tank and 2 circulation pumps
Removal of solids from raw water using dissolved air flotation
Electromagnetic flow rate sensor
Measurement of flow rate, pressure and pH value
Flocculation tank with 3 chambers and 4 stirring machines
Relief valve
Separate supply unit with tank and pump for raw water
Conditioning of the raw water by flocculation
3 Metering pumps for chemicals
Control of the pH value.

Technical Specification :

Tanks
Flotation tank: 150L
Flocculation tank: 45L
Raw water: 300L
Treated water: 80L
Sludge (float): 15L
Circulation pumps
Max. flow rate: each 18L/min
Max. head: each 50m

Raw water pump
Max. flow rate: 135L/min
Max. head: 7,0m
Stirring machines
Max speed: each 600min⁻¹
Metering pumps
Max. flow rate: each 2,1L/h



Laboratory Instrument India