

fluidmaster.150 Clean Water Plant

General Data

Cabinet dimensions (WxDxH):
1600 x 800 x 1900mm

Volume collecting tank: 1000l

Volume sedimentation & sludge
tank system: 400l & 400l

Dimensions (WxDxH):
1200 x 1200 x 1800mm

Material piping/ tank: PP/PE

Electrical Supply

Power supply: 400V/ 3Ph/ N/ PE/ 50Hz

Power consumption: max. 4kW/ 16A

Features UF Filtration Unit

At 25°C waste water temperature (nominal)
& 5 bar operating pressure: 150l/h

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The fluidmaster.150 is the compact solution for the treatment of waste water originating from Mastering and Electroforming.

Nickel waste and heavy particles are separated via sedimentation. The remaining clear water is passed through an ultra filtration unit.

The permeate is pumped into the sewerage via a neutralization unit and ion exchangers. The resultant metal hydroxide flakes are collected in a sludge tank.

The monitored pH- value of the permeate is set to between 6.5-9.5 (depending on local regulations) before being pumped into the sewerage. This fully automatic process meets highest standards.

The unit itself is quickly installed and easy to maintain. The fluidmaster.150 ensures a consistently high filtration rate with low consumable costs. The fluidmaster.150 is completed by the sludge dehydration system oscar.