

47600



EQUIPMENT FOR DILUTION AND DISTRIBUTION OF SLURRY

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The equipment is used to dilute process chemicals in course of semiconductors manufacture. Dilution is carried out in an automatic mode with deionised water in a mixing hydraulic loop by means of dosing adjusted ratios of chemical and water into a mixing tank. The diluted chemical in the mixing tank circulates for a defined time in order to get mixed. The diluted dose of the chemical is then pumped over into the storage tank where it is ready for distribution in follow-up process equipment.

HIGHLIGHTS

- › A frame made of chemically resistant PVC which meets the standard FM4910
- › Covers made of transparent PVC, fitted with safety sensors indicating that the covers are closed
- › Two pneumatically driven membrane pumps
- › pH measurement in the mixing tank
- › Flow meters at the inlet and outlet of the distribution loop
- › An IBC container of 1,000 litres in volume as a storage tank
- › Control system Unitronics
- › Dimensions of the box 900 × 1,110 × 2,300 mm



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