

# Metering System DULCODOS® Ammonia

The metering system for the targeted dilution and metering of ammonia solution to prevent corrosion in the steam boiler.



Thousands of steam generators operate in industry. Corrosion in systems equates to idleness, which needs to be prevented. The DULCODOS® Ammonia metering system produces a usable solution of 0.1 to 2.5% from the maximum

25% commercial ammonia product. The transfer pump, measuring tank and mixing tank are important for production of the required solution. The Beta® metering pump meters the solution precisely into the steam system to be protected.

## Your benefits

- Compact metering system
- Gas-tight application, no escape of ammonia vapours
- Operationally safe thanks to level switch in the measuring tanks, intrinsically safe design

## Field of application

- Steam circuits
- Power plants
- Max. 25% commercial ammonia can be used
- Solution: 0.1 to 2.5%

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## Technical Data

### Design

Ready-to-use assembled metering system, essentially consisting of:

- Dosing tank made of PE with a litre scale, with lockable screw lid and manual stirrer.
- Each with a dispensing and metering pump with suction assembly, level switch, as well as complete rigid PVC-U, pipework with two ball valves, the measuring tank and active carbon filter.
- Terminal box for control of the metering pumps.
- Injection valve VA, 1/2", 5 m PE hose, 12x9 mm
- The container with the commercial product is not included in the scope of delivery

Metering Tank Contents	Metering pump Capacity	Metering pump Feed Rate	Transfer Pump Discharge Flow	Order no.
l	l/h	bar	l/h	
130	7.1	7	17.1	1039192
250	11.0	7	32	1039193