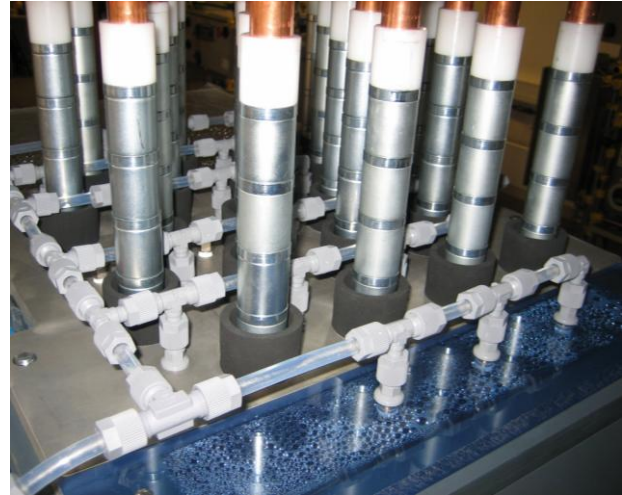


Magnetic Separator



DIMENSIONS

Dimensions	1200 x 1000 x 2200 mm (L x B x H)
Weight	approx. 220 kg
Material (wetted parts)	PVC / EPDM / brass / neodymium and stainless steel (group V4a)
IP protection class	IP 54

ELEKTRICAL DATA

Connection for power supply	16 A-CEE / 400V / 50 Hz / 3-phase / N / PE
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DATA

Flow tank	approx. 200 l (PP)
Storage tank	approx. 1000 l (IBC)
Magnetic separator	13 neodymium magnets incl. hydraulic unit to remove the magnets
Temperature range	up to 50 °C
Pressure range	pipng system up to 10 bar flow tank up to 1 bar
Flow rate (feed)	up to 6000 l/h

(The specified technical data are maximum values. They do not coincide all at the same time!)

SENSORS	MEASURING RANGE	QUANTITY
Pressure	0 - 6 bar	(1 piece)
Volume flow (feed) (magnetic-inductive flow meter)	200 – 6000 l/h	(1 piece)
Temperature (PT 100)	0 - 100 °C Temperature compensation included	(1 piece)

FILED OF USE

Experiments to separate magnetically removable particles from different aqueous solutions

Investigation on the separation behavior of magnetically removable particles from aqueous solutions by changing the flow behavior

Optimization of process parameters

Cleaning and rinsing investigations of the magnet receiver tubes and the flow tank

Schematic view of the magnetic separator

