

TB 1 - Gold Recycling plant for 1 kg

With our Series 7 TB / TB 15 / TB 30 and TB 60, we have developed a very successful product line. With the experience from the very well-functioning systems of this series we have now, after more than a year test run a system developed with a capacity of just one kilo.

The special feature of this system is that the customer can order a system which can meet all the requirements of a professional separation plant.

The system is characterized in particular by their compactness and at the same time by your flexibility. So we have in this system even unprecedented variety packed.

Even the strictly necessary air scrubber is integrated in this system.

Output / Day: 300 g - 1,5 kg
Dimensions L x W x H mm: 1.800 x 800 x 2.000
Connection: 400 V 50 Hz / Wasser / Druckluft



The system is in a hood made of PPH integrated. Screws, shafts and other metal parts are made of titanium.

The basic equipment includes the following system components:

- Housing with hood made of PPH
- Fume scrubbers with storage tank, pump and fan
- Two filter units FT 400 / S with a vacuum pump
- Exhaust air cooler made of glass
- Two acid glass container 5 liters
- Tumbler made of PPH
- Precipitation tank from PPH with agitator
- Switch cabinet

Accessories:

- Rolling shutters made from plastic with an electric drive for closing the front of the machine
- Automatic level control for the acid container, for the storage tank from the air washer and for the wastewater tank
- Waste water tank with pump - Wastewater tank from PPH with pump for emptying
- Automatic NaOH dosage for the air scrubber - Dosing pump for NaOH with pH measurement
- Automatic H₂O₂ dosage for the air scrubber - Dosing pump for H₂O₂ with time control
- Steam generator 4 kW - Steam generator 230V 50 Hz / 4 kW with steam lance made of titanium and shut-off valve made of PVDF