

# BPD – BATCH PROCESS DISTILLER

Fully automatic and safe Mercury Recovery Technology



Technology by  
**MRT**<sup>®</sup>  
SYSTEM

## GENERAL INTRODUCTION

The Batch Distillers are designed for processing all kinds of lamp waste, electrical devices, mercury button cell batteries, thermometers in addition to heavy mercury contaminated wastes with a higher content of organic substances such as mercury zinc batteries, dental amalgam, medical wastes, sludge and wastes from the military and chemical industry.

The process is fully automatic which makes it extremely safe, and removes the risk of human error. All essential functional parameters such as pressure, temperature and process time are adjusted to conform to the waste treated. This enables optimum efficiency.

## WORLD NEWS

The new BPD 1000, the largest batch process distiller available, will allow users to increase batch size significantly. The increase in efficiency will have positive effect on profitability. Besides the BPD 1000, we also offer a smaller version, the BPD 200.



BPD 200

### TECHNICAL SPECIFICATIONS BPD 1000

<b>Model:</b>	<b>BPD 1000</b>
<b>Capacity:</b>	4x250 l/batch
<b>Process time, full batch:</b>	18 – 72 hrs
<b>Electrical connection:</b>	400V, 50Hz, 5-core cable, max. 40 kW, 125 A
<b>Compressed air:</b>	Max 300 m <sup>3</sup> /batch
<b>Oxygen:</b>	60 – 75 m <sup>3</sup> /batch
<b>Dimensions:</b>	4.000 mm 7.500 mm 3.000 mm
<b>Operational temp range:</b>	+10 C° – +35 C°

### PURCHASE SPECIFICATIONS AND ADDITIONAL OPTIONS

The purchase will include the following components:

- Dome
- Combustion chamber
- Condenser
- Condenser tank
- Vacuum system
- Exhaust fan
- Cooling fan
- Carbon filters
- Control system
- Distiller plates

**Options:**

- Cooling unit
- UPS unit
- Crane
- Extra distiller plates
- Transformer for alternative electrical connection

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