

BPD – BATCH PROCESS DISTILLER

Fully automatic and safe Mercury Recovery



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

PURCHASE SPECIFICATION

The purchase will include the following components:

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

Options:

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

TECHNICAL DATA

Model:	BPD 1000
Capacity:	4x250l / batch
Process time (full batch):	18 – 72 hrs
Electrical connection:	400V, 50Hz, 5-core cable, max. 40 kW, 125 A
Compressed air:	Max 300 m ³ / batch
Oxygen:	60 – 75 m ³ / batch
Dimensions:	4.000 mm / 7.500 mm / 3.000 mm
Operating temperature range:	+10°C to +35°C

