

Cyclone Electrowinning System

SKU: AVEW Series · High-Efficiency Cyclone Metal Recovery

100–250 mm

CELL SIZES

147 kg/hr

MAX AU OUTPUT

Ir-Coated MMC

ANODE

30 Days

LEAD TIME

PRODUCT OVERVIEW

The Cyclone Electrowinning System combines centrifugal cyclone flow with advanced electrowinning technology to dramatically improve mass transfer, ion contact, and current efficiency. Available in 100mm, 150mm, 200mm, and 250mm cell sizes with scalable multi-cell configurations. Recovers Au, Ag, Pt, Pd, Cu, Zn, and other non-ferrous metals from leach solutions with faster deposition, higher recovery, and lower energy than conventional cells.

KEY FEATURES

Cell Materials	Titanium cylinder, flanges, and starter sheets
Piping	Corrosion-resistant CPVC piping, flanges, and ball valves
Circulation	Magnetic pump for reliable electrolyte circulation
Metals Recovered	Au, Ag, Pt, Pd, Cu, Zn and other non-ferrous metals
Modularity	Scalable to 20-cell, 100-cell, 200-cell configurations
Lead Time	30 days fast order turnaround

100MM CELL MODELS

Model	Configuration	Power	Gold Output (g/h)
AVEW-100-600-1	Single · 100mm Ø × 600mm H	0–12V / 200A	240–295 g/h
AVEW-100-1200-1	Single · 100mm Ø × 1200mm H	0–12V / 400A	294–1,178 g/h
AVEW-100-600-2	Dual · 100mm Ø × 600mm H	0–12V / 400A	480–490 g/h
AVEM-100-1200-2	Dual · 100mm Ø × 1200mm H	0–12V / 800A	588–2,256 g/h

150MM – 250MM CELL MODELS (20-CELL MODULE)

Model	Cell Size	Power	Gold Output (20 cells)
AVEW-150-1000	150mm Ø × 1,000mm H	0–6V / 4,000A	36.3–44.1 kg/h
AVEM-150-1500	150mm Ø × 1,500mm H	0–6V / 6,000A	54.4–66.1 kg/h
AVEW-200-1000	200mm Ø × 1,000mm H	0–6V / 6,000A	48.4–58.8 kg/h
AVEM-200-1500	200mm Ø × 1,500mm H	0–6V / 8,000A	72.7–88.2 kg/h
AVEW-250-1000	250mm Ø × 1,000mm H	0–6V / 7,000A	60.5–73.4 kg/h
AVEM-250-1500	250mm Ø × 1,500mm H	0–6V / 10,000A	90.7–110.2 kg/h
AVEM-250-2000	250mm Ø × 2,000mm H	0–6V / 15,000A	121–147 kg/h