

Elicron

PRODUCT DATASHEET

Elicron electrode 30 – 150

OUR PRODUCT OFFERING

ELICRON ELECTRODE 30	ELICRON ELECTRODE 50	ELICRON ELECTRODE 60	ELICRON ELECTRODE 75	ELICRON ELECTRODE 100	ELICRON ELECTRODE 150	ELICRON ELECTRODE custom
3,000 hours*	5,000 hours*	6,000 hours*	7,500 hours*	10,000 hours*	15,000 hours*	To your need

TECHNICAL DATA

Coating	Mixed metal oxide (MMO) according to Elicron design
Standard dimensions	To your design. Can be delivered as larger plates or cut to final dimensions.
Lifetime*	3,000 – 15,000 hours, depending on variant (see above)
Max. current density	400 A/m²
Operating voltage	3 – 8 volts per electrode gap
Flow velocity	Continuous flow through electrolyser, with maximum flow velocity at 5 m/s (300 L/min). Flow should be distributed uniformly through the electrode stack and should not bypass the electrodes. Baffles may be used if necessary.
Salinity range	3–5 g/L NaCl as standard. Consult your sales representative for specific operational requirements for low salinity usage.
Polarity reversal	Supported
Water temperature	15 – 40 °C

QUALITY

Automated high-volume manufacturing. ISO 9001 and ISO 14001 certified production.

ORDERING

Supplied as coated plates, cut and welded to your drawing. Samples are available for qualification.

* Lifetime expectation under typical pool electro-chlorination conditions of 3–5 g/L NaCl, 300 A/m², 3 h of polarity reversal, 20–30 °C. Field lifetime depends on salinity, temperature, current density and reversal frequency.