

EISENMANN

Round dialysis cells for electro-coating



Optimize your electro-coating process with round dialysis cells from EISENMANN

The round dialysis cells have been further optimized by EISENMANN to ensure top quality of the electro-coating. The cells are fitted with stainless steel or titanium anodes, depending on the application concerned. Titanium anodes are additionally coated with iridium or ruthenium oxide.

The cells can be retrofitted at any time and are standard equipment in EC plants from EISENMANN.

Advantages of the new round cells:

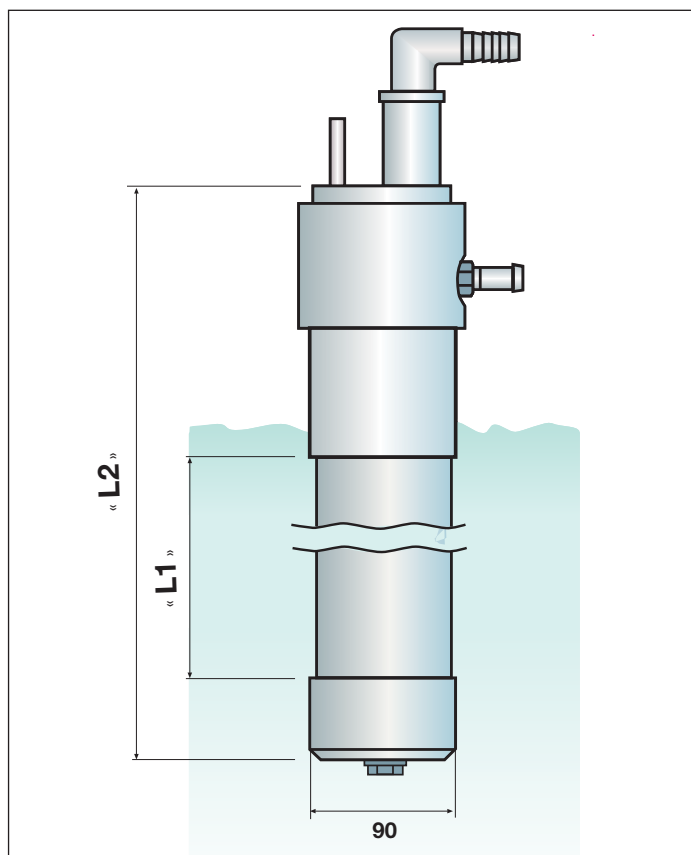
- ▶ Highest quality standards
- ▶ Long service life (no embrittlement) and lower fire load due to the use of PP as casing material
- ▶ Size and weight permit easier servicing and easier handling than with flat cells
- ▶ More homogeneous current distribution than in flat cells
- ▶ Direction of anolyte flow can be selected as recommended by the paint supplier
- ▶ Anode can be turned in 90° increments resulting in uniform removal of material

Advantages for your production process:

- ▶ Top-quality coating due to optimum arrangement of the electric fields and consequently more homogeneous application of the coating
- ▶ Optimized paint consumption
- ▶ Lower energy consumption

Technical data of EISENMANN dialysis cells

Anode Stainl. steel	Anode Titanium	Membrane length «L1»	Overall length «L2»	Anode area «m ² »	Membrane area «m ² »
EN 1-10	EN 2-10	1000	1360	0,197	0,256
EN 1-12	EN 2-12	1250	1610	0,246	0,320
EN 1-15	EN 2-15	1500	1860	0,295	0,384
EN 1-17	EN 2-17	1750	2110	0,344	0,448
EN 1-20	EN 2-20	2000	2360	0,393	0,512
EN 1-22	EN 2-22	2250	2610	0,442	0,576
EN 1-25	EN 2-25	2500	2860	0,491	0,640
EN 1-27	EN 2-27	2750	3110	0,540	0,704
EN 1-30	EN 2-30	3000	3360	0,589	0,768
Variable	Variable	Variable	Variable	Variable	Variable



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