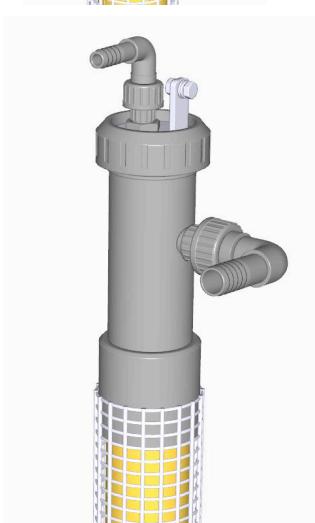


**Célula SOX-CATA75-D48,3 (Nicou CLTUB800)– Abierta con desbordamiento :**

- Célula abierta (no estanca) con membrana anionica o cationica Ø 75mm,
- ánodo inoxidable 316L (Sandvik 3R65), Ø48,3 Sch10,
- Entrada del anolito desde arriba, Ø 8 à 16 mm, flujo 120 à 300 l/h
- Salida del anolito en el lateral, Ø 12 à 32 mm

Datos Técnicos :

- Superficie anódica : 0,152 m<sup>2</sup>/m\*longitud activa
- Superficie de membrana : 0,236 m<sup>2</sup>/m\*longitud activa

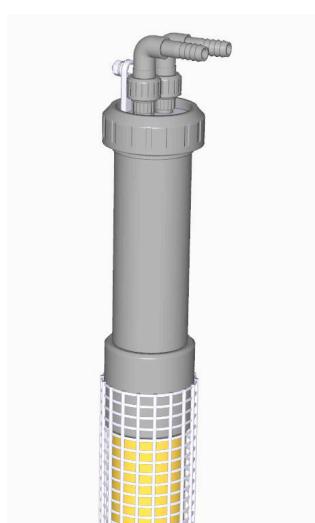


**Célula SOX-CATA75-ED48 (o ED60) – Cerrada con desbordamiento :**

- Célula cerrada (estanca) con membrana anionica o cationica Ø 75mm,
- anodo inox 316L (Sandvik 3R65), Ø48,3 (o Ø60,3)
- Entrada del anolito desde arriba, Ø 8 à 16 mm, flujo 120 à 350 l/h
- Salida del anolito en el lateral, Ø 12 à 32 mm

Datos Técnicos :

- Superficie anódica : 0,152 (o 0,189) m<sup>2</sup>/m\*longitud activa
- Superficie de membrana : 0,236 m<sup>2</sup>/m\*longitud activa



**Célula SOX-CATA75-E60 - Estanca:**

- Célula cerrada (estanca) con membrana anionica o cationica Ø 75mm,
- ánodo inoxidable 316L (Sandvik 3R65), Ø60,3 Sch10,
- Entrada del anolito desde arriba, Ø 8 à 16 mm, flujo 120 à 350 l/h
- Salida del anolito desde arriba, Ø 12 à 16 mm (otros diámetros posible)

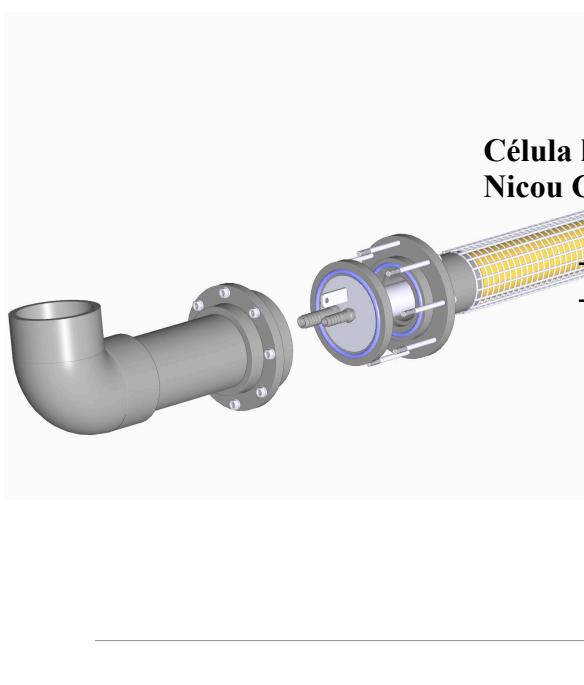
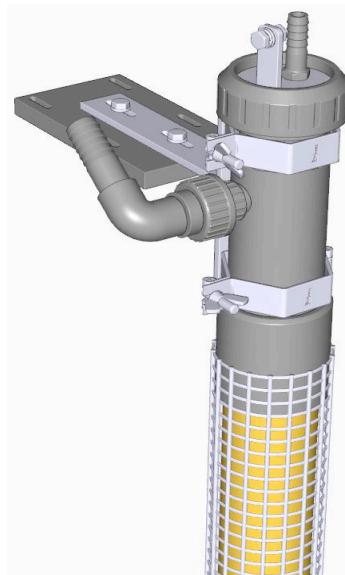
Datos técnicos :

- Superficie anódica : 0,189 m<sup>2</sup>/m\*longitud activa
- Superficie membrana : 0,236 m<sup>2</sup>/m\*longitud activa



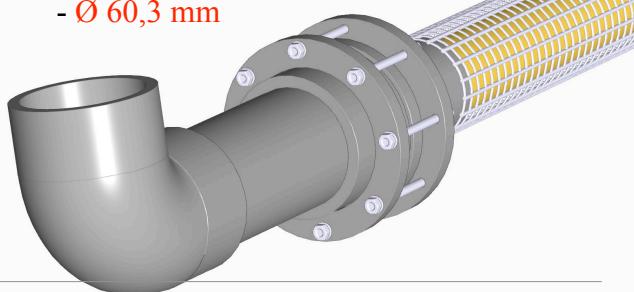
**Apoyo de célula vertical :**

- Armadura de acero inoxidable 304L con dimensiones variables según su instalación,
- Pie de PVC adaptable a todas las instalaciones.



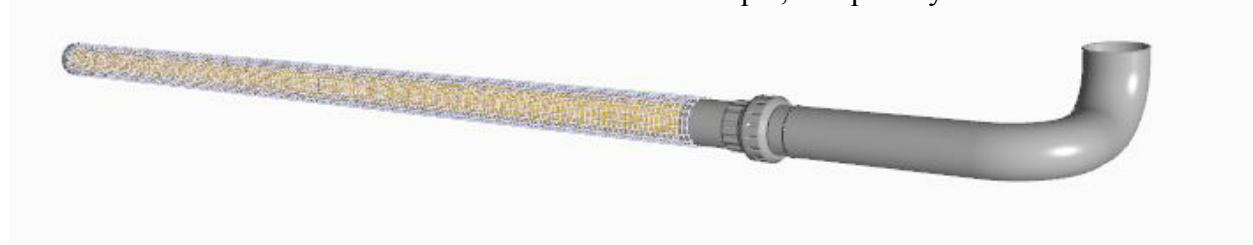
**Célula horizontal SOX-CATA75-BAC (fundo de cuba – Nicou CLFCV800):**

- Mismas características que las células estancas,
- **NUEVO** – 2 diámetros posibles por el ánodo :
  - Ø 48,3 mm
  - Ø 60,3 mm



**Célula horizontal SOX-CATA75-E60F (fundo o tejado):**

- Mismas características que las células estancas,
- Anodo inoxidable Ø60,3
- Diseño simple, compacto y económico



### Datas Técnicos comunes

#### Membrana anionica AM 7001 :

Technical Specification	AMI-7001S	AMI-7001CR
	Single Sheet	Continuous Roll
<b>Functionality</b>	Strong Base Anion Exchange Membrane	
<b>Polymer Structure</b>	Gel polystyrene cross linked with divinylbenzene	
<b>Functional Group</b>	Quaternary Ammonium	
<b>Ionic Form as Shipped</b>	Chloride	
<b>Color</b>	Light Yellow	
<b>Standard Size: US : Metric</b>		48in x 120ft 1.2m x 37m
<b>Standard Thickness (mils) (mm)</b>		20±1 0.50±0.025
<b>Electrical Resistance (Ohm.cm<sup>2</sup>) 0.5 mol/L NaCl</b>		<40
<b>Permselectivity (%) 0.1 mol KCl/kg / 0.5 mol KCl/kg</b>		90
<b>Total Exchange Capacity (meq/g)</b>		1.3±0.1
<b>Water Permeability (ml/hr/ft<sup>2</sup>) @5psi</b>		<10
<b>Mullen Burst Test strength (psi)</b>		>80
<b>Thermal Stability (°C)</b>		90
<b>Chemical Stability Range (pH)</b>		1-10
<b>Preconditioning Procedure</b>	Membranes should be preconditioned by emersion in a 5% NaCl solution at 40°C for 24 hours to allow for membrane hydration and expansion.	

**Membrana Cationica CM 7001 :**

Technical Specification	MC
	Single Sheet
<b>Functionality</b>	Strong Acid Cation Exchange Membrane
<b>Polymer Structure</b>	Gel polystyrene cross linked with divinylbenzene
<b>Functional Group</b>	Sulphonic Acid
<b>Ionic Form as Shipped</b>	Sodium
<b>Color</b>	Brown
<b>Standard Size</b> : US : Metric	48in x 120in 1.2m x 3.1m
<b>Standard Thickness (mils) (mm)</b>	18±1 0.45±0.025
<b>Electrical Resistance (Ohm.cm<sup>2</sup>) 0.5 mol/L NaCl</b>	<30
<b>Permselectivity (%) 0.1 mol KCl/kg / 0.5 mol KCl/kg</b>	94
<b>Total Exchange Capacity (meq/g)</b>	1.6±0.1
<b>Water Permeability (ml/hr/ft<sup>2</sup>) @5psi</b>	<3
<b>Mullen Burst Test strength (psi)</b>	>80
<b>Thermal Stability (°C)</b>	90
<b>Chemical Stability Range (pH)</b>	1-10
<b>Preconditioning Procedure</b>	Membranes should be preconditioned by emersion in a 5% NaCl solution at 40°C for 24 hours to allow for membrane hydration and expansion.

All information described in this bulletin is based upon tests and data believed to be reliable. It is the user's responsibility to determine performance and suitability of the products. No guarantee, expressed or implied, is made by SOXELL SAS, nor does SOXELL SAS assume any liability for patent infringement arising from the use of these products.