

AMINAL DIALYSER

Low Flux and High Flux dialysers

QUALITY

- ◆ CE Marking of Conformity/ European Medical Device Directive 93/42/EEC
- ◆ ISO 13485

GENERAL INFORMATION

- ◆ Polyethersulfone dialyser is designed for single use in chronic haemodialysis treatment for adults.
- ◆ Polyethersulfone dialyser is a sterile, pyrogen-free, gamma sterilized product.

PACKAGING

- ◆ Primary packaging: Composite foil Pouch (Poly Amide /Polyethylene).
- ◆ Secondary packaging: Carton Box (each box includes 20 pcs dialysers).

STORAGE

- ◆ Store between 0°C and +30°C.
- ◆ Expiry date: 3 years.



CE 2195

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AMINAL DIALYSER

AMINAL DIALYSER L Lox Flux dialysers

TECHNICAL DATA

| Catalogue No. | | Clearances in vitro (ml/min) | | | | | | | |
|---------------|-----------------------|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | | Urea | | Creatinine | | Phosphate | | Vitamin B ₁₂ | |
| | | Q _b (ml/min) | Q _d (ml/min) | Q _b (ml/min) | Q _d (ml/min) | Q _b (ml/min) | Q _d (ml/min) | Q _b (ml/min) | Q _d (ml/min) |
| | | 200 | 300 | 200 | 300 | 200 | 300 | 200 | 300 |
| | | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| 1111 | AMINAL DIALYSER L 100 | 184 | 240 | 176 | 206 | 167 | 194 | 93 | 91 |
| 1112 | AMINAL DIALYSER L 110 | 186 | 242 | 177 | 214 | 168 | 199 | 96 | 97 |
| 1101 | AMINAL DIALYSER L 120 | 187 | 245 | 179 | 220 | 170 | 203 | 100 | 103 |
| 1113 | AMINAL DIALYSER L 130 | 188 | 248 | 180 | 226 | 174 | 208 | 104 | 112 |
| 1102 | AMINAL DIALYSER L 140 | 189 | 250 | 181 | 231 | 178 | 214 | 108 | 120 |
| 1114 | AMINAL DIALYSER L 150 | 190 | 263 | 183 | 238 | 179 | 220 | 109 | 128 |
| 1103 | AMINAL DIALYSER L 160 | 191 | 265 | 184 | 245 | 180 | 225 | 110 | 136 |
| 1115 | AMINAL DIALYSER L 170 | 192 | 266 | 187 | 251 | 183 | 230 | 118 | 144 |
| 1104 | AMINAL DIALYSER L 180 | 195 | 267 | 189 | 257 | 185 | 234 | 125 | 153 |
| 1116 | AMINAL DIALYSER L 190 | 197 | 272 | 190 | 265 | 186 | 239 | 129 | 160 |
| 1105 | AMINAL DIALYSER L 200 | 198 | 276 | 191 | 273 | 187 | 246 | 132 | 167 |
| 1117 | AMINAL DIALYSER L 210 | 200 | 280 | 192 | 281 | 189 | 251 | 136 | 174 |

| | Effective membrane area (m ²) | Priming volume (ml) | UF Coefficient (ml/h/mmHg) | KoA Urea (Q _b 300 ml/min, Q _d 500 ml/min) | KoA Creatinine (Q _b 300 ml/min, Q _d 500 ml/min) | KoA Phosphate (Q _b 300 ml/min, Q _d 500 ml/min) | KoA Vitamin B ₁₂ (Q _b 300 ml/min, Q _d 500 ml/min) |
|-----------------------|---|---------------------|----------------------------|---|---|--|--|
| AMINAL DIALYSER L 100 | 1.0 (m ²) | 55 | 10 | 717 | 472 | 412 | 120 |
| AMINAL DIALYSER L 110 | 1.1 (m ²) | 58 | 11 | 736 | 518 | 436 | 131 |
| AMINAL DIALYSER L 120 | 1.2 (m ²) | 63 | 12 | 767 | 556 | 456 | 142 |
| AMINAL DIALYSER L 130 | 1.3 (m ²) | 66 | 13 | 801 | 599 | 483 | 160 |
| AMINAL DIALYSER L 140 | 1.4 (m ²) | 69 | 14 | 824 | 637 | 518 | 177 |
| AMINAL DIALYSER L 150 | 1.5 (m ²) | 74 | 15 | 1010 | 698 | 556 | 195 |
| AMINAL DIALYSER L 160 | 1.6 (m ²) | 78 | 16 | 1045 | 767 | 591 | 215 |
| AMINAL DIALYSER L 170 | 1.7 (m ²) | 86 | 17 | 1064 | 836 | 629 | 236 |
| AMINAL DIALYSER L 180 | 1.8 (m ²) | 94 | 18 | 1083 | 916 | 662 | 261 |
| AMINAL DIALYSER L 190 | 1.9 (m ²) | 97 | 19 | 1190 | 1045 | 707 | 282 |
| AMINAL DIALYSER L 200 | 2.0 (m ²) | 99 | 20 | 1292 | 1214 | 778 | 305 |
| AMINAL DIALYSER L 210 | 2.1 (m ²) | 104 | 21 | 1415 | 1450 | 816 | 330 |

| | |
|---|------------------------|
| Priming and rinsing volume (NaCl 0.9 %) | ≥ 750 ml |
| Membrane | Polyethersulfone (PES) |
| Sterilization | Gamma rays |
| Max TMP | 600 mmHg |
| Wall thickness | 40 µm |
| Inner diameter | 200 µm |

Specifications and performance data for clearance in vitro (ml/min) Q_b = 200-300 ml/min, Q_d = 500 ml/min, Q_f = 0 ml/min, T = 37°C. KUF measurement using bovine/human blood (Hct 32 %; protein 60 g/l). Performance data were measured in vitro according standard ISO 8637-1.

AMINAL DIALYSER H High Flux dialysers

TECHNICAL DATA

| Catalogue No. | | Clearances in vitro (ml/min) | | | | | | | | | |
|---------------|-----------------------|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | | Urea | | Creatinine | | Phosphate | | Vitamin B ₁₂ | | Inulin | |
| | | Q _b (ml/min) | Q _d (ml/min) | Q _b (ml/min) | Q _d (ml/min) | Q _b (ml/min) | Q _d (ml/min) | Q _b (ml/min) | Q _d (ml/min) | Q _b (ml/min) | Q _d (ml/min) |
| | | 200 | 300 | 200 | 300 | 200 | 300 | 200 | 300 | 200 | 300 |
| | | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| 1118 | AMINAL DIALYSER H 100 | 181 | 237 | 172 | 211 | 163 | 188 | 121 | 108 | 76 | 80 |
| 1119 | AMINAL DIALYSER H 110 | 183 | 240 | 175 | 217 | 166 | 193 | 125 | 114 | 82 | 87 |
| 1106 | AMINAL DIALYSER H 120 | 185 | 243 | 178 | 223 | 170 | 200 | 128 | 121 | 84 | 91 |
| 1120 | AMINAL DIALYSER H 130 | 187 | 247 | 179 | 229 | 173 | 208 | 130 | 128 | 88 | 96 |
| 1107 | AMINAL DIALYSER H 140 | 188 | 250 | 180 | 235 | 177 | 215 | 132 | 135 | 93 | 102 |
| 1121 | AMINAL DIALYSER H 150 | 190 | 254 | 183 | 240 | 178 | 220 | 138 | 147 | 98 | 110 |
| 1108 | AMINAL DIALYSER H 160 | 192 | 260 | 185 | 245 | 180 | 225 | 145 | 158 | 103 | 116 |
| 1122 | AMINAL DIALYSER H 170 | 194 | 264 | 186 | 250 | 183 | 230 | 148 | 162 | 106 | 119 |
| 1109 | AMINAL DIALYSER H 180 | 195 | 269 | 187 | 254 | 185 | 234 | 152 | 165 | 112 | 123 |
| 1123 | AMINAL DIALYSER H 190 | 196 | 272 | 189 | 262 | 188 | 241 | 156 | 171 | 117 | 126 |
| 1110 | AMINAL DIALYSER H 200 | 198 | 275 | 191 | 270 | 192 | 245 | 160 | 176 | 121 | 130 |
| 1124 | AMINAL DIALYSER H 210 | 200 | 280 | 194 | 276 | 195 | 249 | 164 | 183 | 126 | 136 |

| | Effective membrane area (m ²) | Priming volume (ml) | UF Coefficient (ml/h/mmHg) | KoA Urea (Q _b 300 ml/min, Q _d 500 ml/min) | KoA Creatinine (Q _b 300 ml/min, Q _d 500 ml/min) | KoA Phosphate (Q _b 300 ml/min, Q _d 500 ml/min) | KoA Vitamin B ₁₂ (Q _b 300 ml/min, Q _d 500 ml/min) | KoA Inulin (Q _b 300 ml/min, Q _d 500 ml/min) |
|-----------------------|---|---------------------|----------------------------|---|---|--|--|---|
| AMINAL DIALYSER H 100 | 1.0 (m ²) | 55 | 35 | 689 | 500 | 385 | 152 | 102 |
| AMINAL DIALYSER H 110 | 1.1 (m ²) | 58 | 37 | 717 | 537 | 407 | 164 | 113 |
| AMINAL DIALYSER H 120 | 1.2 (m ²) | 63 | 40 | 746 | 577 | 441 | 179 | 120 |
| AMINAL DIALYSER H 130 | 1.3 (m ²) | 66 | 42 | 789 | 621 | 483 | 195 | 129 |
| AMINAL DIALYSER H 140 | 1.4 (m ²) | 69 | 44 | 824 | 671 | 524 | 212 | 141 |
| AMINAL DIALYSER H 150 | 1.5 (m ²) | 74 | 46 | 874 | 717 | 556 | 244 | 156 |
| AMINAL DIALYSER H 160 | 1.6 (m ²) | 78 | 49 | 961 | 767 | 591 | 276 | 169 |
| AMINAL DIALYSER H 170 | 1.7 (m ²) | 86 | 54 | 1027 | 824 | 629 | 289 | 175 |
| AMINAL DIALYSER H 180 | 1.8 (m ²) | 94 | 59 | 1123 | 874 | 662 | 299 | 184 |
| AMINAL DIALYSER H 190 | 1.9 (m ²) | 97 | 61 | 1190 | 993 | 726 | 319 | 191 |
| AMINAL DIALYSER H 200 | 2.0 (m ²) | 99 | 63 | 1265 | 1145 | 767 | 337 | 200 |
| AMINAL DIALYSER H 210 | 2.1 (m ²) | 104 | 66 | 1415 | 1262 | 812 | 364 | 215 |

Specifications and performance data for clearance in vitro (ml/min) Q_b = 200-300 ml/min, Q_d = 500 ml/min, Q_f = 0 ml/min, T = 37°C. KUF measurement using bovine/human blood (Hct 32 %; protein 60 g/l). Performance data were measured in vitro according standard ISO 8637-1.

| | |
|--|------------------------|
| Priming and rinsing volume (NaCl 0.9 %) | ≥ 750 ml |
| Membrane | Polyethersulfone (PES) |
| Sterilization | Gamma rays |
| Max TMP | 600 mmHg |
| Wall thickness | 40 µm |
| Inner diameter | 200 µm |
| Sieving coefficient β ₂ – microglobulin albumin | 0.8 <0.01 |