

MEDICA



SmartFlux PUREMA® DIALYZERS

BRO-DIA-PUR-ENG REV00-CDP021023A

SmartFlux

PUREMA® DIALYZERS

MADE IN ITALY



SmartFlux

HFP 120 130 150 170 190 210 230
HIGH FLUX PUREMA® DIALYZERS

SmartFlux

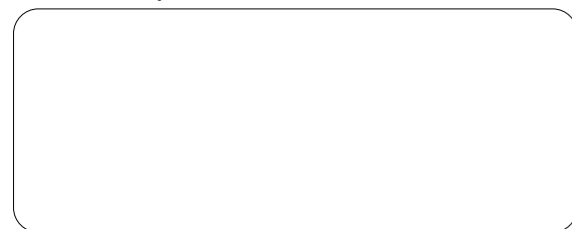
LFP 110 120 140 160 180 200 220
LOW FLUX PUREMA® DIALYZERS

NEW

SmartFlux

HFP 270
**2,7m² HIGH FLUX
PUREMA® DIALYZER
FOR HIGH VOLUME
HEMODIAFILTRATION**

Distributed by



MANUFACTURER
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SEAMLESS INNOVATION FOR LIFE QUALITY

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CE 0476
UNI EN ISO 9001: 2015
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SMART CHOICE
experience by your side

MEDICA
SEAMLESS INNOVATION FOR LIFE QUALITY

TECHNICAL SPECIFICATIONS & PERFORMANCES

SmartFlux HFP eliminates middle molecular weight toxins without loss of usefull proteins.

SmartFlux HFP is available in 8 different surface areas, tailored to meet patients needs.



| MODEL | SmartFlux HFP-120 | SmartFlux HFP-130 | SmartFlux HFP-150 | SmartFlux HFP-170 | SmartFlux HFP-190 | SmartFlux HFP-210 | SmartFlux HFP-230 | SmartFlux HFP-270 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Surface (m²) | 1.2 | 1.3 | 1.5 | 1.7 | 1.9 | 2.1 | 2.3 | 2.7 |
| Priming Volume (ml) | 69 | 75 | 89 | 101 | 113 | 123 | 133 | 156 |
| Kuf (ml/h/mmHg) | 55 | 58 | 63 | 69 | 75 | 81 | 87 | 124 |
| Urea | 190 | 194 | 196 | 197 | 197 | 198 | 198 | 199 |
| Creatinine | 179 | 185 | 190 | 193 | 195 | 196 | 196 | 197 |
| Phosphate | 172 | 178 | 183 | 185 | 187 | 189 | 191 | 193 |
| B12 Vitamine | 139 | 144 | 149 | 153 | 156 | 159 | 161 | 163 |
| Clearance (Qb= 200 ml/min; Qd= 500 ml/min; Quf= 0) | | | | | | | | |
| Urea | 256 | 262 | 273 | 279 | 283 | 286 | 290 | 295 |
| Creatinine | 235 | 242 | 250 | 259 | 269 | 272 | 276 | 283 |
| Phosphate | 214 | 223 | 234 | 242 | 250 | 254 | 258 | 264 |
| B12 Vitamine | 157 | 165 | 176 | 185 | 195 | 201 | 205 | 210 |
| Clearance (Qb= 300 ml/min; Qd= 500 ml/min; Quf= 0) | | | | | | | | |
| Urea | 297 | 309 | 321 | 331 | 339 | 344 | 348 | 351 |
| Creatinine | 262 | 273 | 285 | 299 | 310 | 320 | 327 | 331 |
| Phosphate | 239 | 250 | 262 | 275 | 283 | 286 | 291 | 300 |
| B12 Vitamine | 170 | 180 | 192 | 200 | 209 | 217 | 224 | 231 |
| Clearance (Qb= 400 ml/min; Qd= 500 ml/min; Quf= 0) | | | | | | | | |
| Tolerance limits: ± 10% | | | | | | | | |
| Membrane | PUREMA® | | | | | | | |
| Potting Material | Polyurethane | | | | | | | |
| Housing and Caps Material | Polycarbonate | | | | | | | |
| Sterilisation | Beta Rays | | | | | | | |
| Wall Thickness (µm) | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Max TMP (mmHg) | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 |
| Internal Diameter (µm) | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| HOW TO ORDER | | | | | | | | |
| Product Code | M03537 | M90098 | M03538 | M90032 | M03539 | M90033 | M03540 | M90081 |

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> In vitro performances according to ISO 8637:2017

TECHNICAL SPECIFICATIONS & PERFORMANCES

SmartFlux LFP offers enhanced clearance of small molecular uraemic toxins with outstanding stable clearance performance.

SmartFlux LFP is available in 7 different surface areas, tailored to meet patients needs.



| MODEL | SmartFlux LFP-110 | SmartFlux LFP-120 | SmartFlux LFP-140 | SmartFlux LFP-160 | SmartFlux LFP-180 | SmartFlux LFP-200 | SmartFlux LFP-220 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Surface (m²) | 1.1 | 1.2 | 1.4 | 1.6 | 1.8 | 2,0 | 2.2 |
| Priming Volume (ml) | 66 | 72 | 82 | 94 | 106 | 116 | 127 |
| Kuf (ml/h/mmHg) | 14 | 16 | 18 | 20 | 23 | 26 | 29 |
| Urea | 182 | 187 | 190 | 193 | 195 | 197 | 198 |
| Creatinine | 174 | 178 | 181 | 184 | 186 | 190 | 192 |
| Phosphate | 149 | 155 | 161 | 165 | 170 | 175 | 180 |
| B12 Vitamine | 100 | 103 | 107 | 110 | 114 | 120 | 126 |
| Clearance (Qb= 200 ml/min; Qd= 500 ml/min; Quf= 0) | | | | | | | |
| Urea | 229 | 238 | 253 | 259 | 265 | 270 | 273 |
| Creatinine | 207 | 214 | 227 | 238 | 247 | 252 | 259 |
| Phosphate | 173 | 184 | 197 | 206 | 214 | 224 | 235 |
| B12 Vitamine | 108 | 112 | 117 | 125 | 131 | 140 | 145 |
| Clearance (Qb= 300 ml/min; Qd= 500 ml/min; Quf= 0) | | | | | | | |
| Urea | 271 | 283 | 293 | 301 | 308 | 319 | 329 |
| Creatinine | 239 | 251 | 263 | 272 | 286 | 297 | 304 |
| Phosphate | 187 | 199 | 210 | 222 | 235 | 252 | 274 |
| B12 Vitamine | 114 | 120 | 126 | 134 | 141 | 151 | 159 |
| Clearance (Qb= 400 ml/min; Qd= 500 ml/min; Quf= 0) | | | | | | | |
| Tolerance limits: ± 10% | | | | | | | |
| Membrane | PUREMA® | | | | | | |
| Potting Material | Polyurethane | | | | | | |
| Housing and Caps Material | Polycarbonate | | | | | | |
| Sterilisation | Beta Rays | | | | | | |
| Wall Thickness (µm) | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| Max TMP (mmHg) | 600 | 600 | 600 | 600 | 600 | 600 | 600 |
| Internal Diameter (µm) | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| HOW TO ORDER | | | | | | | |
| Product Code | M03533 | M90097 | M03534 | M90030 | M03535 | M90031 | M03536 |

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