



# FARMACARB

## Hollow Fiber Hemodialysis Dialyzer

Low Flux

PP Series



BPA and DEHP free Polypropylene housing

Excellent Biocompatibility with Polyethersulfone membranes

Available in a wide range of sizes 1,2, 1,3, 1,4, 1,5 1,6, 1,7, 1,8, 1,9 and 2.0 m<sup>2</sup>

Energy saving and lower CO<sub>2</sub> emission

# HEMODIALYZER



| Specification                             | SM120L   | SM130L | SM140L | SM150L | SM160L | SM170L | SM180L | SM190L | SM200L |     |
|---|--|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| Effective membrane area(m <sup>2</sup> )  | 1.2  | 1.3    | 1.4    | 1.5    | 1.6    | 1.7    | 1.8    | 1.9    | 2.0    |     |
| Chamber volumn (mL)                       | 74   | 77     | 80     | 88     | 96     | 101    | 106    | 114    | 116    |     |
| Pressure drop dialysate<br>(mmHg)         | 78   | 72     | 68     | 64     | 60     | 56     | 53     | 50     | 47     |     |
| Q <sub>D</sub> =500mL/min                 |  |        |        |        |        |        |        |        |        |     |
| ultrafiltrate coefficient<br>(mL/h·mmHg)  | 12   | 13     | 14     | 15     | 16     | 17     | 18     | 19     | 20     |     |
| Q <sub>B</sub> =200mL/min;<br>TMP=100mmHg |  |        |        |        |        |        |        |        |        |     |
| Maximum blood flow<br>(mL/min)            | 400  |        |        |        |        |        |        |        |        |     |
| Test condition                            | Q <sub>B</sub> =200mL/min; Q <sub>D</sub> =500mL/min; Q <sub>F</sub> =10mL/min |        |        |        |        |        |        |        |        |     |
| Clearance                                 | Urea<br>(mL/min)   | 175    | 176    | 177    | 181    | 186    | 190    | 191    | 192    | 193 |
|   | Creatinine<br>(mL/min)   | 159    | 160    | 161    | 169    | 178    | 181    | 183    | 184    | 185 |
|   | Phosphate<br>(mL/min)  | 150    | 152    | 155    | 157    | 165    | 166    | 167    | 168    | 170 |
|   | Vitamine B <sub>12</sub><br>(mL/min)   | 95     | 100    | 105    | 106    | 107    | 112    | 115    | 117    | 120 |
| Test condition                            | Q <sub>B</sub> =300mL/min; Q <sub>D</sub> =500mL/min; Q <sub>F</sub> =10mL/min |        |        |        |        |        |        |        |        |     |
| Clearance                                 | Urea<br>(mL/min)   | 225    | 227    | 229    | 236    | 243    | 247    | 251    | 253    | 256 |
|   | Creatinine<br>(mL/min)   | 211    | 212    | 214    | 217    | 220    | 225    | 231    | 234    | 238 |
|   | Phosphate<br>(mL/min)  | 200    | 206    | 213    | 216    | 220    | 225    | 230    | 235    | 240 |
|   | Vitamine B <sub>12</sub><br>(mL/min)   | 100    | 106    | 112    | 114    | 116    | 120    | 125    | 130    | 135 |
| Test condition                            | Q <sub>B</sub> =400mL/min; Q <sub>D</sub> =500mL/min; Q <sub>F</sub> =10mL/min |        |        |        |        |        |        |        |        |     |
| Clearance                                 | Urea<br>(mL/min)   | 257    | 261    | 266    | 270    | 275    | 280    | 285    | 290    | 295 |
|   | Creatinine<br>(mL/min)   | 219    | 225    | 229    | 238    | 248    | 252    | 257    | 261    | 266 |
|   | Phosphate<br>(mL/min)  | 205    | 224    | 243    | 244    | 245    | 247    | 250    | 255    | 260 |
|   | Vitamine B <sub>12</sub><br>(mL/min)   | 106    | 118    | 130    | 132    | 135    | 137    | 140    | 145    | 150 |