

## Structurix NDT Processors

|  |   | Si  | S ECO   | U  | M ECO   | NOVA  |
|--|---|---|---|--|---|---|
|  |   |  |  |  |  |  |
| Preprogrammed Cycles                           |   | 7   | 7   | 1  | 1   | 1   |
| Optional Cycles                                |   | 1.5 up to 12 Min.<br>(per 30 Sec.)  | 1.5 up to 12 Min.<br>(per 30 Sec.)  | 3 up to 12 Min.<br>(per 1 Min.)<br>OS-cycles: 1.5/2/2.5                            | 1.5 up to 12 Min.<br>(per 1 Min.)   | 1.5 up to 12 Min.<br>(per 1 Min.)   |
| Standard Processing Cycle                      |   | 8 Min.  | 8 Min.  | 8 Min.   | 8 Min.  | 8 Min.  |
| Developer Immersion Time                       |   | 100 Sec.  | 100 Sec.  | 100 Sec.   | 100 Sec.  | 100 Sec.  |
| Capacity<br>(8 Min. Cycle)                     | 10 cm x 48 cm<br>(4 Films Side by Side) | 300 Films/Hour  | 148 Films/Hour  | 106 Films/Hour   | 92 Films/Hour   | 92 Films/Hour   |
|  |   | 75 Films/Hour   | 48 Films/Hour   | 34 Films/Hour  | 30 Films/Hour   | 30 Films/Hour   |
| Transport Speed                                |   | 50 cm/Min.  | 32 cm/Min.  | 23 cm/Min.   | 20 cm/Min.  | 20 cm/Min.  |
| Film Sizes                                     | Format Min.                             | 6 x 12 cm   | 6 x 12 cm   | 6 x 12 cm  | 6 x 12 cm   | 6 x 12 cm   |
|  | Width Min.                              | 3.5 cm  | 3.5 cm  | 3.5 cm   | 3.5 cm  | 3.5 cm  |
|  | Width Max.                              | 43 cm   | 43 cm   | 43 cm  | 43 cm   | 43 cm   |
|  | Length Min.                             | 12 cm   | 12 cm   | 12 cm  | 12 cm   | 12 cm   |
| Dimensions                                     | Length                                  | 162 cm  | 162 cm  | 120 cm   | 142 cm  | 119 cm  |
|  | Bottom                                  | 111 cm  | 111 cm  | 75 cm  | 86 cm   | 63 cm   |
|  | Width                                   | 71 cm   | 71 cm   | 68 cm  | 68 cm   | 68 cm   |
|  | Height                                  | 123 cm  | 123 cm  | 105 cm   | 59 cm   | 57 cm   |
|  | Surface on Floor                        | 0.79 m <sup>2</sup>   | 0.79 m <sup>2</sup>   | 0.50 m <sup>2</sup>  | 0.56 m <sup>2</sup>   | 0.40 m <sup>2</sup>   |
| Weight   | Empty                                   | 298 Kg  | 285 Kg  | 160 Kg   | 104 Kg  | 80 Kg   |
|  | With Chemicals                          | 426 Kg  | 426 Kg  | 250 Kg   | 134 Kg  | 110 Kg  |
| Power Supply                                   | Amperage                                | 16 A  | 16 A  | 16 A   | 16 A  | 8.5 / 7.5 / 6.5 / 7.3 A   |
|  | Frequency                               | 50 Hz / 60 Hz   | 50 Hz / 60 Hz   | 50 Hz / 60 Hz  | 50 Hz / 60 Hz   | 50 Hz / 60 Hz   |
|  | Voltage                                 | 208 / 230-240 V   | 208 V / 230-240 V   | 200 V / 240 V  | 100 V / 120 V /<br>200-208 V /<br>230-240 V   | 100 V / 120 V /<br>200-208 V /<br>230-240 V   |
| Tank Capacities                                | Developer Tank                          | 37 l  | 41.5 l  | 24 l   | 10 l  | 10 l  |
|  | Fixing Tank F1                          | 37 l  | 41.5 l  | 20 l   | 10 l  | 10 l  |
|  | Fixing Tank F2                          | 27 l  | 29 l  |  | 9 l   |   |
|  | Final Wash Tank                         | 27 l  | 29 l  | 20 l   | 9 l   | 10 l  |
| Standard Consumption                           | G135 Developer                          | 900 ml/m <sup>2</sup>   | 900 ml/m <sup>2</sup>   | 900 ml/m <sup>2</sup>  | 900 ml/m <sup>2</sup>   | 900 ml/m <sup>2</sup>   |
|  | G335 Fixer                              | 700 - 1200 ml/m <sup>2</sup>  | 1200 ml/m <sup>2</sup>  | 1200 ml/m <sup>2</sup>   | 1200 ml/m <sup>2</sup>  | 1200 ml/m <sup>2</sup>  |
|  | Water                                   | 13 l/m <sup>2</sup>   | 13 l/m <sup>2</sup>   | 13 l/m <sup>2</sup>  | 13 l/m <sup>2</sup>   | 13 l/m <sup>2</sup>   |
| Developing Temperature                         |   | 28°C  | 28°C  | 28°C   | 28°C  | 28°C  |
| <b>ECO Film System at Standard (ECO) Cycle</b> |   |   |   |  |   |   |
| ECO Cycle                                      |   |   | 8 (5) Min.  |  | 8 Min.  |   |
| Developer Immersion Time                       |   |   | 100 (62.5) Sec.   |  | 100 Sec.  |   |
| Capacity                                       | 10 cm x 48 cm<br>(4 Films Side by Side) |   | 148 (300) Films/<br>Hour  |  | 92 Films/Hour   |   |
|  | 35 x 43 cm                              |   | 48 (75) Films/Hour  |  | 30 Films/Hour   |   |
| Transport Speed                                |   |   | 32 (50) cm/Min.   |  | 20 cm/Min.  |   |
| EcoDEV Developer                               |   |   | 900 (550) ml/m <sup>2</sup>   |  | 900 ml/m <sup>2</sup>   |   |
| EcoFIX Fixer                                   |   |   | 700 (700) ml/m <sup>2</sup>   |  | 700 ml/m <sup>2</sup>   |   |
| Water  |   |   | 13 l/m <sup>2</sup>   |  | 13 l/m <sup>2</sup>   |   |
| Developing Temperature                         |   |   | 27 (29)°C   |  | 27°C  |   |