

## VELP UDK 149 Distillation Unit



|                                     |  |
|-------------------------------------|--|
| Analysis time                       | 3 min for 100 ml of distillate                       |
| Measuring range                     | 0.04 - 220 mg N                                      |
| Reproducibility (RSD)               | ≤ 1%   |
| Recovery                            | ≥ 99.5 %   |
| Detection limit (LOD)               | > 0.015 mg N   |
| Sodium hydroxide addition           | Automatic  |
| Water addition                      | Automatic  |
| Boric acid addition                 | Automatic  |
| Distillation residues removal       | Automatic  |
| Titration residues removal          | Automatic  |
| Titration vessel cleaning           | Automatic  |
| External titrator connection        | Yes  |
| Selectable distillation time        | Yes  |
| Steam flow regulation               | 10 - 100 %   |
| Delay time (Devarda alloy analysis) | 00 sec - 99 min 59 sec                               |
| Water consumption                   | From 0,5 L / min to 15 °C<br>From 1 L / min to 30 °C |
| Display                             | 7" color touch screen                                |
| Distillation in series              | Yes  |
| User management                     | Yes  |
| Barcode technology                  | Yes  |
| Language selection                  | Yes  |
| Programs                            | 20 customizable                                      |
| Archive (on-board data storage)     | Yes  |
| Connectivity                        | 2 x USB; Ethernet;<br>RS232 (external titrator)      |
| Power input                         | 2200 W   |
| Dimensions (WxHxD)                  | 385x780x416 mm<br>15.2x30.7x16.4 in                  |
| Weight                              | 27 kg; 59.5 lb                                       |
| Ermes connection                    | Yes, via Wi-Fi or LAN                                |