

## 12. Specifications

| Items   | Specifications                        |                              |                                       |                              |
|---|---------------------------------------|------------------------------|---------------------------------------|------------------------------|
|   | LCD Digital Enhanced Overhead Stirrer | LCD Digital Overhead Stirrer | LED Digital Enhanced Overhead Stirrer | LED Digital Overhead Stirrer |
| Max. stirring quantity (H <sub>2</sub> O) [L] | 40                                    | 20                           | 40                                    | 20                           |
| Motor rating input [W]                        | 120                                   | 60                           | 120                                   | 60                           |
| Motor rating output [W]                       | 100                                   | 50                           | 100                                   | 50                           |
| Voltage [VAC]                                 | 100-240                               | 100-240                      | 100-240                               | 100-240                      |
| Frequency [Hz]                                | 50/60                                 | 50/60                        | 50/60                                 | 50/60                        |
| Power [W]                                     | 130                                   | 70                           | 130                                   | 70                           |
| Speed range [rpm]                             | 50-2200                               | 50-2200                      | 50-2200                               | 50-2200                      |
| Speed display accuracy [rpm]                  | ±3                                    | ±3                           | —                                     | —                            |
| Speed display                                 | LCD                                   | LCD                          | LED                                   | LED                          |
| Speed display accuracy [rpm]                  | ±1                                    | ±1                           | ±1                                    | ±1                           |
| Max. torque [Ncm]                             | 60                                    | 40                           | 60                                    | 40                           |
| Max. viscosity [mPas]                         | 50000                                 | 10000                        | 50000                                 | 10000                        |
| Overload protection                           | LED light flash, auto stop            | LED light flash, auto stop   | LED light flash, auto stop            | LED light flash, auto stop   |
| Motor protect                                 | LED light flash, auto stop            | LED light flash, auto stop   | LED light flash, auto stop            | LED light flash, auto stop   |
| Chuck range diameter [mm]                     | 0.5-10                                | 0.5-10                       | 0.5-10                                | 0.5-10                       |
| Dimension[W x H x D] [mm]                     | 83 x 220 x 186                        | 83 x 220 x 186               | 83 x 220 x 186                        | 83 x 220 x 186               |
| Weight [kg]                                   | 2.8                                   | 2.6                          | 2.8                                   | 2.6                          |
| Protection class acc. to DIN/EN 60529         | IP21                                  | IP21                         | IP21                                  | IP21                         |
| Temperature [°C]                              | 5-40                                  | 5-40                         | 5-40                                  | 5-40                         |
| Permission relative humidity [%]              | 80                                    | 80                           | 80                                    | 80                           |
| RS232 interface                               | Yes                                   | Yes                          | No                                    | No                           |