

**Specifications for viscometer:**

|                             |  |
|-----------------------------|--|
| Measurement Method          | Tuning Fork Vibration Method   |
| Vibration Frequency         | 20-30 Hz   |
| Viscosity Measurement Range | 0.3 - 10,000 mPa · s ( cP)   |
| Accuracy (Repeatability)    | 1% of Reading (Full Range) (S.D. , 20 - 30°C, No-condensation )                                |
| Operating Temperature       | 10 - 40°C ( 50 - 104 F°)   |
| Minimum Sample Amount       | 10-35 ml   |
| Temperature Measurement     | 0 - 160°C / 0.1 °C (32 - 212 F / 0.1 F°)   |
| Display                     | Vacuum Fluorescent Display (VFD)   |
| Interface                   | RS-232C  |
| Power Supply                | AC Adaptor   |
| Power Consumption           | Approx. 14VA   |
| Physical Dimensions         | Main and Display Unit: Approx. 1.0-5.0 kg  |
| Connection Cable Length     | 1.5m ( Between the Main Unit and the Display Unit )  |
| Standard Accessories        | Manual, AC Adaptor, CD-ROM (WinCT-Viscosity), Sample Cups,<br>RS-232C Cable (25 pins - 9 pins) |

### Specifications for weighing balance:

|  |   |
|--|---|
| Weighing capacity  | > 230 g   |
| Minimum weighing value   | 0.1 mg  |
| Repeatability (standard deviation)                             | 0 to 200 g: 0.1 mg<br>200 to 252 g: 0.2 mg                                |
| Linearity  | ±0.3 mg   |
| Stabilization time (when set to FAST under a good environment) | Less than 5 sec   |
| Sensitivity drift  | ±2 ppm/°C (10 to 30 °C/50 to 86 °F)                                       |
| Internal calibration   | No  |
| Clock and calendar function                                    | No  |
| Operating environment  | 5 to 40 °C (41 to 104 °F), 85% RH or less (no condensation)               |
| Display refresh rate   | At least 5 times/second   |
| Display mode   | gram, milligram, percent mode, density mode, and a user-programmable unit |
| Counting mode  |   |
| Minimum unit mass  | 0.1 mg  |
| Number of samples  | 10, 25, 50 or 100 pieces  |
| Percent mode   |   |
| Minimum 100% reference mass                                    | 10.0 mg   |
| Minimum 100% display   | 0.01%, 0.1%, or 1% (depends on the reference mass stored)                 |
| Interface  | RS-232C   |
| Applicable calibration weight value                            | 250 g, 200 g<br>100 g, 50 g   |
| Weighing pan size  | Ø90 mm  |
| External dimensions  | Less than 20 × 35 × 35 cm   |
| Net weight   | Approx. 3.5 kg  |
| Power supply   | AC adapter  |
| Power consumption  | Approx. 11 VA (supplied to the AC adapter)                                |