

Order Code - 58018



### Technical Specifications

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| Excitation light source                | High brightness LED  |
| Excitation LED                         | 250nm ~ 600nm(LED)<br>EX wavelength standard set: 365nm,376nm,392nm,405nm  |
| Emission monochromator                 | C-T configuration diffraction grating monochromator Emission wavelength range (EM): 200nm ~ 650nm, Bandwidth: 10nm (Extend the monochromator to Em200-900 is optional .)<br>Emission wavelength accuracy: $\pm 1$ nm<br>Emission wavelength reproducibility: $\leq 0.5$ nm |
| S/N ratio                              | $S/N \geq 90$ (Using 1cm quartz sample cell, measure the signal noise ratio of Raman spectrum of water )   |
| Detection limit                        | $1 \times 10^{-10}$ g / ml quinine sulfate solut ion   |
| Linearity ( $\gamma$ )                 | $\geq 0.995$   |
| Repetitive peak intensity              | $\leq 1.5\%$   |
| Zero drift                             | $\leq 0.3$ (within 10min)  |
| Upper limit change of indicating value | $\leq 1.5\%$ (Within 10 minutes) (displaying value $\geq 50$ )   |
| Power type                             | 220V $\pm$ 22V; 110V $\pm$ 22V   |
| Dimensions                             | 442 $\times$ 392 $\times$ 250e mm $\eta$   |
| Weight                                 | Net weight 10kg  |
|  | Gross weight 12kg  |

Note: Specifications are subject to change.

### **Tesca Technologies Pvt. Ltd.**

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