

Order Code - 58018



### Technical Specifications

Excitation light source	High brightness LED
Excitation LED	250nm ~ 600nm(LED) 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 .) Emission wavelength accuracy: $\pm 1$ nm 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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