

## AVENGER 1100

Visible Spectrophotometer provides the ultimate simplicity for ease of use

### Renuka Instruments AVENGER 1100 Visible Spectrophotometer



The **Renuka Instruments Avenger 1100** Visible Spectrophotometer is designed for rapid and accurate analysis for quality assurance labs to test Agriculture, Pharmaceutical and Chemical products with maximum user convenience.

### Unique Features Of Avenger 1100

- ▶ New design with enhanced performance, high accuracy and fast reading.
- ▶ Auto wavelength selection with high accuracy and repeatability.
- ▶ One touch wavelength selection for two predefined wavelength.
- ▶ Latest generation of electronics leading to better accuracy in analysis.
- ▶ With only two function keys Auto zero and OK, **Avenger 1100** is extremely easy to use for any operator.
- ▶ User defined wavelength selection with short key.



## Renuka Instruments

# Renuka Instruments AVENGER 1100 Visible Spectrophotometer

## Technical Specifications

Measuring Modes	%T and ABS, Concentration
Wavelength Range	340 to 1000 nm
Photometric Accuracy	±0.03 ABS @ 1 ABS
Photometric Range	-0.3 to 2.5 ABS
Absorption Resolution	0.001 ABS
Detector	High Performance Silicon Photo diode

## Monochromator

Wavelength Accuracy	±1nm
Wavelength Repeatability	±1nm
Wavelength Resolution	1nm
Spectral Bandwidth	<4nm
Technology	Stabilized Single Beam

## Physical Characteristics

Dimensions	420 x 300 x 150 mm (L x W x H)
Display	4 x 20 Character alphanumerical Display
Weight	10 kg (Approx.)
Source Lamp	Tungsten Halogen Lamp
Cuvette	10 mm

## Power

Power Requirement	90 to 240 VAC / 50 Hz.
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\* Technical Specifications, Appearance and Model no. are subject to change without prior notice in keeping up with the state of art.

### Office Address:

R.H.N. 17, Om Shivshakti housing Society  
Siddheshwar Nagar, Dasak, Jailroad,  
Nashik - 422101  
Contact: +91 9822297843  
+91 8237022961

Email: [renukainstruments@gmail.com](mailto:renukainstruments@gmail.com)  
Website: [www.renukainstruments.com](http://www.renukainstruments.com)

