

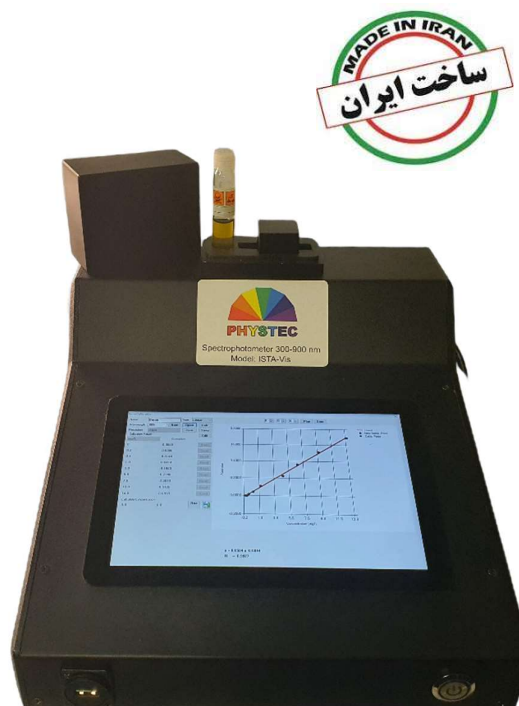
# ISTA

## 3 in 1 spectrophotometer

**ISTA-UV (200-800 nm)**

**ISTA-Vis (300-900 nm)**

- Spectrophotometer
- Color measurement (CIELAB)
- Water analyzer



**8-inch Full-Color Touch Screen**

**All-in-One cell holder**

(10 mm, 1 inch, 50 mm cuvette and 16 mm round vial)



### Features

- You will observe real-time full spectrum in the desired range, save it in Excel, or print it.
- For concentration measurement, you can draw and save the calibration curve with your own methods and materials, or view the pre-stored curves.
- The equation of the line and the correlation coefficient ( $R^2$ ) are automatically calculated by the software and you can even use higher degree curves instead of the line to draw the calibration curve.
- Smoothing, fitting curves and calculating the ratio of peaks, is included in powerful ISTA software.
- In kinetic measurements, you will be able to observe and save the changes in the absorption or transmission spectrum over time.

### Applications

- Water and Waste water
- Chemical & Petrochemical
- Beverage
- Oil
- Agriculture & Food
- Biomaterial
- Life Science
- Environmental



3 Years Guarantee  
10 Years Services

## Specifications:

<b>Operating Mode</b>	Transmittance (%), Absorbance Concentration, Color measurement and Kinetics	<b>Preprogrammed Methods</b>	>30
<b>Source Lamps</b>	Deuterium, Halogen- Tungsten	<b>User programs</b>	>100
<b>Wavelength Range</b>		<b>Sample cell Compatibility</b>	16 mm round vials, 1 inch square, 10x10 and 10x50 mm cuvettes
<b>ISTA-UV</b>	200-800 nm		
<b>ISTA-Vis</b>	300-900 nm		
<b>Wavelength Accuracy</b>	0.3 nm	<b>Dimension</b>	
		<b>ISTA-UV</b>	450 x 350 x 150 mm
		<b>ISTA-Vis</b>	250 x 300 x 150 mm
<b>Resolution</b>	0.7 nm	<b>Weight</b>	<4 kg
<b>Wavelength Reproducibility</b>	± 0.1 nm	<b>Operating Conditions</b>	10 to 40 °C (50 - 104 °F), max. 80 % relative humidity (non- condensing)
<b>Spectral bandwidth</b>	2 nm	<b>Storage Conditions</b>	-30 to 60 °C (-22 to 140 °F), max. 80 % relative humidity (non- condensing)
<b>Photometric Measuring Range</b>	0-3 Abs	<b>Internal Storage</b>	16 GB
<b>Photometric Accuracy</b>	0.007 Abs	<b>Interfaces</b>	Wi-Fi, USB-2
<b>Stray Light</b>	< 0.2 %T	<b>Language</b>	English
<b>Display</b>	8-inch Full- color Touch Screen	<b>Power</b>	220 V AC

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