



**AC**

## **AUTOMATIC CHEMISTRY ANALYZER**

---



### **India Office**

16 S/F B/S, T-Block Extn.  
Jain Colony Part-2 Uttam Nagar,  
New Delhi-110059  
[info@darsunscientific.in](mailto:info@darsunscientific.in)  
(+91) 9999136670, 7835864003

### **USA Headquarters**

30 N Gould St, Ste R  
Sheridan, Wyoming 82801  
United States

**Darsun**Scientific

## System functions

- Throughput: 200 tests /hour
- Automatic, discrete, Random
- Open the various reagents
- Methods: end-point, two point, kinetic



## Reaction system

- 60 pcs reusable plastic cuvettes
- Optical length: 180-400µl
- Automatic blank testing for cuvettes
- Colorimetry system in the pattern of light splitting



# Darsun Scientific

## Automatic Chemistry Analyzer

### DS-VET

- 200 tests/hour
- Compact and special for VET
- Independent mixing probe
- Minimal labor required
- Smart and easy-operating software



## Sample / Reagent / Mixing Handling

- 18 pcs sample position
- 26 pcs reagent posting
- Reagent refrigerated function
- Independent mixing probe
- Sample volume: 1.6-50µl, 0.1µl step
- Reagent volume: 10-500µl, 0.5µl step
- Auto/manual pre-dilution



## Calibration and auto dilute and re-test

- Linear / nonlinear multi-points calibration
- Auto dilute and retest: - retest when result out of the linearity
- Range or sample is not sufficient, when linear limit is out of range
- Freely set the auto dilute ratio and dilute water position

## Cleaning system

- Auto 7-step washing function
- Low water consumption: 1-2L/H

## Input and output

- Input: RS232 interface / computer
- Output: multi-format printout

## Intellective software

- Auto washing cuvette when startup & shut down
- Auto detect reagent volume during every startup
- Reagent plate temperature detecting when startup
- Real-time online monitoring running status reagent
- Residual volume and waste volume

## Operating environment

- Temperature: 10-35 °C
- Humidity: ≤90% no dew

## Species

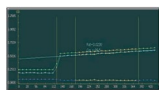
- Dog, cat, horse, monkey, mouse, rabbit
- Pig, cow, goat and sheep

## Power requirement

- AC 100-240V
- 50/60HZ 300VA

## Optical system

- Halogen-tungsten lamp
- 9 wavelengths, 340-691nm precision ±1.5nm
- Absorbance range: 0-5.0abs
- Resolution: 0.0001 Abs rear spectrophotometry



## Dimension

- 548mm(H) 422mm(W) 383mm(D)

## Net weight

- 23 kg