



AC

AUTOMATIC CHEMISTRY ANALYZER



Darsun Scientific Inc, USA
30N Gould St Ste R Sheridan, Wyoming
82801, United States

Email: Info@darsunscientificinc.com
Phone: +1-3074272810
Web: www.darsunscientificinc.com

DarsunScientific

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: 180–400 μl
- Automatic blank testing for cuvettes
- Colorimetry system in the pattern of light splitting



Sample / Reagent / Mixing Handling

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



Cleaning system

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

Intellective software

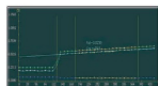
- Auto washing cuvette when startup & shut down
- Auto detect reagent volume during every startup
- Reagent plate temperature detecting when startup
- Real-time online monitoring running status reagent
- Residual volume and waste volume

Species

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

Optical system

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



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



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

Input and output

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

Operating environment

- Temperature: 10–35 °C
- Humidity: $\leq 90\%$ no dew

Power requirement

- AC 100–240V
- 50/60 HZ 300VA

Dimension

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

Net weight

- 23 kg