



INFORMATION SHEET

Specifications	CataChemWell-T clinical analyzer (Part number 42620-C) Integrated Veterinary reagent rack (Part number 462-C-IR)
Throughput	≤ 100 end point chemistries/hour or ≤ 75 kinetic chemistries/hour
Dimensions	53 cm wide x 40 cm deep x 40 cm tall
Weight	<15 kg (37lb)
Optical filters	340, 380, 405, 505, 545, 580, 650, 700 (custom for veterinary use) Interference type, hard coat, ion-assisted deposition +/- 2nm, 10nm half band pass
Linear range	0.0 to 3.0A
Light source	Tungsten Halogen
Photometer accuracy	+/- 1% of the reading +0.005A from 0-1.0A +/- 2% of the reading +0.005A from 1.0 to 3.0A
Optical design	Monochromatic or bichromatic readings, NIST traceable calibration
Software	Minimum Windows XP, Preferred 250 RAM with USB Port LIS Connectivity
Calculation Modes	Absorbance, Single Standard, Factor, Fixed Time Kinetics, Kinetics by Standard or Factor, Multicalibrator (Point to Point), Linear Regressions Cubic Spline, Four Parameter Logistic, Percent Absorbance
Self-Monitoring Modes	Reagent Volume, Filters, Mechanical Function, Error Warnings, Out-of-Range Control Warnings
QC Options	Stores control data, Levy-Jennings, QC Range Plots, Standard Deviations
Capabilities	On-board dilution if readings too high, pre-dilutions, dispensing of single or multiple reagents Flexible application programming, adjustable volume 2 – 400 uL, on-board cuvette checks
Reagent/Sample Racks	Single rack customized for use with Catachem veterinary reagents in 15 mL and 10 mL bottles - adjustable reagent racks available. Up to 20 specimens per rack
Reaction Vessel	Express cuvette, reusable up to 7 times Minimum reaction volume 240 uL Maximum reaction volume 700 uL
Temperature Control	Cuvette Carrier 37°C or ambient room temperature Peltier-controlled refrigerated reagent rack
Operating Conditions	AC Input 110-120 Volts (174 Watts), 50-60 Hz Installation CAT II Usability up to 80% humidity ≤ 31°C, decreasing linearly to 50% at 40°C Operating Temperature 5°C – 37°C
Certifications	NRTL Listed, CE Marked

