

VCA Optima



	VCA Optima	VCA Optima S	VCA Optima XE
Operation Systems			
Windows XP Home Version	•	•	•
Windows 98	Optional	Optional	Optional
Windows XP Professional Version	Optional	Optional	Optional
Software Features			
Manual contact angle calculation	•	•	•
Image save & export	•	•	•
AutoFAST contact angle calculation software	N/A	•	•
SPC statistical analysis software	N/A	•	•
Dynamic-2500 software	N/A	N/A	60 frames/sec.
SE-2500 surface energy software	N/A	•	•
PDAST surface tension software	N/A	N/A	•
DataView software	N/A	•	•
Hardware Features			
Motorized syringe	N/A	optional	•
Computer Specifications			
PCI frame grabber	•	•	•
Processor	Call for current specs		
RAM	64 MB	64 MB	128 MB
HDD	10 GB	10 GB	20 GB
FD	3.5" 1.44 MB	3.5" 1.44 MB	3.5" 1.44 MB
Monitor	17"	17"	15" TFT flat screen
CD-ROM	N/A	•	•
Available Accessories (additional)			
Film sample clamp	•	•	•
Environmental chamber	•	•	•
Heated environmental chamber	•	•	•
Heated syringe	•	•	•
Tilting stage	N/A	•	•

*Our hardware is upgraded periodically to reflect the latest technology standard in the computer industry. Please contact us for the most updated specifications.

Measuring method	Sessile Drop/Manual or Automatic Calculation
Measuring range	0-180 Degree
Repeatability	± 1 Degree
Accuracy	± 0.5 Degree
Magnification	35:1 (High Mag until 51:1)
Sample/specimen stage sizes	3.5" x 3.5" Max Sample 6.5" W x 9" L x 2.5" H
Dosing	150-500 Droplets
Input voltage	110V/50 or 60 Hz
Dimensions	17" L x 7" W x 15" H
Weight	21 lbs
Standard accessories	5 (28g) needle tips, 3 (100ml) syringe, Motorized syringe (XE model only)

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