

# Artos Magnum -200



## Artos Magnum -200



● CE ● ISO9001:2008 ● ISO13485:2003 ●

## General Features:

- Random access and direct reading system.
- Automatic washing station for both sample and reagent probe.
- Liquid level detection and collision protection for both sample and reagent probe.
- Reliable cooling system for reagent chamber.
- Powerful reaction cuvette washing system.
- Simplicity of operation and flexibility with user friendly software.
- ISE module and barcode scanner(optional).
- Designed with environmental protection concept



**DS401**

**OEM Enquiries are cordially welcome.**

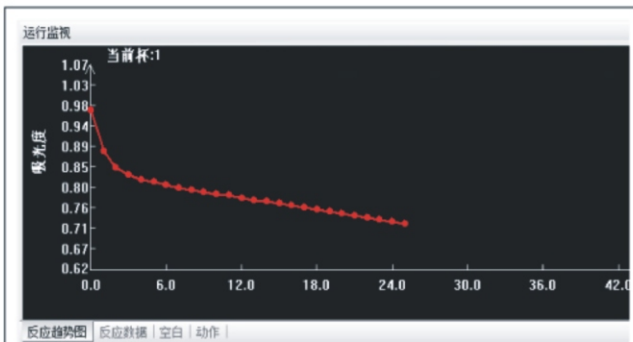
## Software



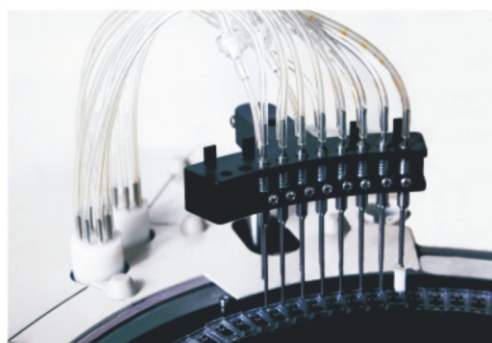
User - friendly interface and compatible with Windows



Automatic alarm for malfunctions



Reaction curve-Visible on line



### Cuvette Washing Station

8 channels automatic washing station.  
5 channels for DS161



**DS301**



**DS201**

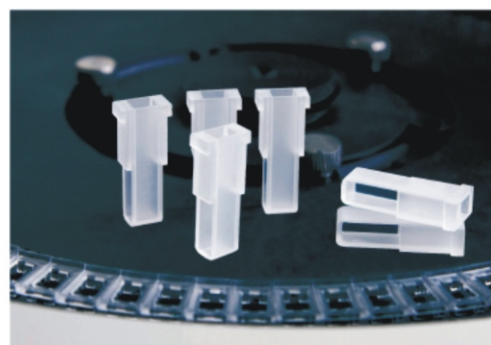


**DS161**



**Independent Mixer**

Independent mixer ensuring full reaction of sample / reagent solution.



**Reaction Cuvette**

High quality UV-transmitted plastic cuvettes, or quartz glass cuvette (optional).



**Sample Probe / Reagent Probe**

With liquid level sensor, anti-collision sensor and automatic washing function.



**Reagent Tray**

Can be easily placed in cooling chamber.

<b>Model</b>					
<b>Operation</b>		Random access			
<b>Reading System</b>		Direct reading system			
<b>Method</b>		End point, Kinetic, Fixed time, Immunospectrophotometric, 1-2 reagent, Multistandard, reagent/serum blank, etc.			
<b>Assay Item</b>		80 assay items	40 assay items	36 assay items	
		ISE mould (Na <sup>+</sup> , K <sup>+</sup> , Cl <sup>-</sup> /Li <sup>+</sup> ) available on request			
<b>Throughput</b>	<b>1 Reagent</b>	400 test/h	300 test/h (max)	257 test/h (max)	220 test/h (max)
	<b>2 Reagent</b>	400 test/h	240 test/h	150 test/h	160 test/h (max)
	<b>With ISE</b>	400 test/h	+150 test/h	+150 test/h	+100 test/h
		80	60	60	50
<b>Sample Position</b>		Including standard, control and stat; either serum cup or primary tube available			
<b>Sample Volume</b>		1~100ul, 0.1ul/ step			
<b>Reagent Position</b>		2 x 40	40 or 80 (optional)	36	
<b>Reagent Volume</b>		R1:1~400ul, 1ul / step, R2:1~400ul, 1ul / step			
<b>Reagent / Sample Probe</b>		With liquid level sensor, collision sensor, teflon coating and automatic washing station			
<b>Reaction Time</b>		0~999 seconds			
<b>Cuvette</b>		High quality uv-transmitted plastic cuvette. Quartz glass cuvettes on request			
<b>Washing</b>		8 channels automatic washing system for reaction cuvettes			5 channels automatic washing system for reaction cuvettes
		Independent washing station for each sample/reagent probe and mixer			
<b>Alarm</b>		Automatic alarm for malfunction (eg: collision, reagent / sample insufficiency full waste container etc)			
<b>Calibration</b>		Linear, Non-linear, Multi standard, K factor			
<b>Sample Dilution/Retest</b>		Sample can be diluted and retested if results are out of range or sample is insufficient			
<b>Wavelength</b>		340~810nm			
<b>Light Source</b>		Halogen lamp			
<b>Absorbance Resolution</b>		0.0001A			
<b>Absorbance Accuracy</b>		±0.0003A(0~2.5A)			
<b>Repeatability (CV%)</b>		≤2%			
<b>Quality Control</b>		Levy Jennings quality control program at 3 levels			
<b>Barcode</b>		Optional			
<b>Printer</b>		Multiple report formats available			
<b>Other</b>		Tele-diagnostic, bi-direction interface to LIS system, etc			
<b>Language</b>					
<b>System</b>		English, French, Spanish, German, Russian, etc			
<b>Power Supply</b>		220V / 50Hz or 110V / 60 Hz (optional)			
<b>Dimension</b>		100x85x70 (cm)	85x72x53 (cm)	85x72x53 (cm)	65x53x52 (cm)
<b>Weight</b>		137Kg	90Kg	85Kg	45Kg

■ SINNOWA reserves the right to change the technical specifications without prior notice



# SWEMED BIOMEDICALS PVT. LTD.

Site No. 11, Sy No. 29/1, 29/2/ Chunchunghatta Cross, Yelechenahalli, Bangalore-62. Ph.: 080 - 26551720

Email: info@swemedbio.com URL: www.swemedbio.com