



**OFFER SHEET**

Ref. No.: *UT16-0927-04*

<b>Date:</b>	Sep. 27, 2016	<b>Valid:</b>	30 days
<b>To:</b>	<i>unifap</i>	<b>From:</b>	Mr.Luther Liu
<b>ATTN:</b>	<i>Mr. enoque de sousa barbosa</i>	<b>Email:</b>	export@unitedtest.com

**Product:** CAG100 Contact Angle Goniometer

**EXW Price:** USD 6180.00

**Freight:** By DHL From Beijing, China to

**Total amount:**

**Origion:** China

**Payment terms:** TT in advance

**Leading time:** 15 days after payment

**Loading port:** Tianjin, China

**Package information:** 1 polywood package, 600\*650\*630mm Gross weight: 60kg

**Warranty:** One year from delivery, all parts will be free charge replaced if the broken caused by equipment inherent defect. Lifelong after sales service & maintenance;

**Remark:**

- 1, Quotation base on the standard specification, any modification may cause extra cost.
- 2, Shipping Documents:Include Bill of lading/Air waybill; Commercial invoice, Packing list, Insurance certificate (if CIF) is standard.
- 3, Any third party documents or certificate need extra cost.
- 4, All installation manual, operation manual, software manual, quality certificate in English language.
- 5, Quoted price are EXW Tianjin seaport, or Beijing aiport. Include local tranport to the seaport/airport, not include port charges.
- 6, Include the courier (DHL, TNT, Fedex etc.,) to deliver the original documents.

**Bank Details:**

**Bank name:** Industrial Bank Co., Ltd., Beijing Branch.

**Bank address:** 11/F GANJIAKOU TOWER, NO 17 SANLIHE ROAD HAIIDIAN DISTRICT BEIJING 100037 CHINA

**Swift Code:** FJIBCNBA680

**Account No.:** 321100100100096071

**Beneficiary Name:** Beijing United Test Co., Ltd.

**Beneficiary Address:** No. 7 Liqing Road, Chaoyang District, Beijing, China 101121

## CAG100 Contact Angle Goniometer

### Introduction:

**CAG100 Contact Angle Goniometer** is used to determine the wetting properties of liquid to solid, through measuring the contact angle to calculate, measure the adhesive force, tension force etc. it's widely used in petroleum, chemical, medicine, paper making, printing, dye industry as well as science research hand academy education. **Standards: Conform to ISO1409**

### Specifications:

#### Optics system

Imaging: High pixel digital camera and Zooming lens, connection USB 2.0, 3 Million pixel, can clearly analysis dynamic liquid drop, and suitable to use laptop to operate.

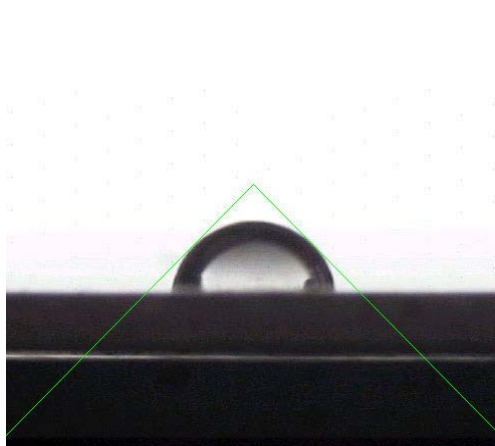
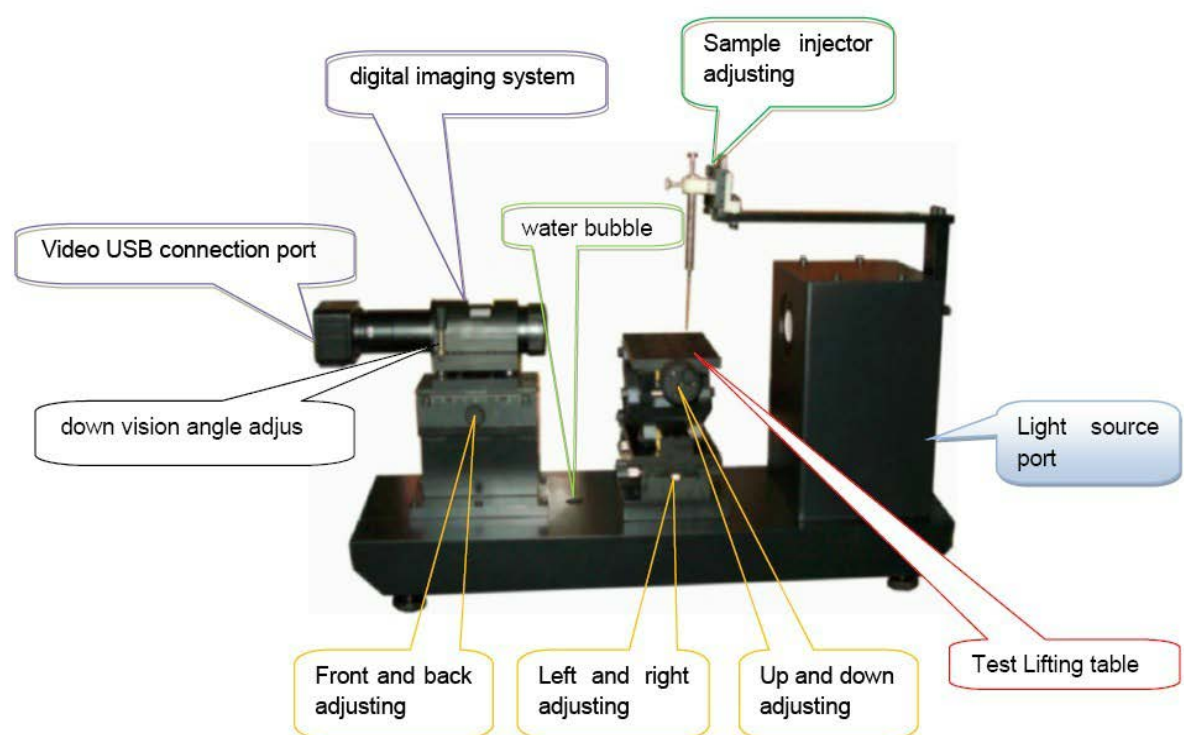
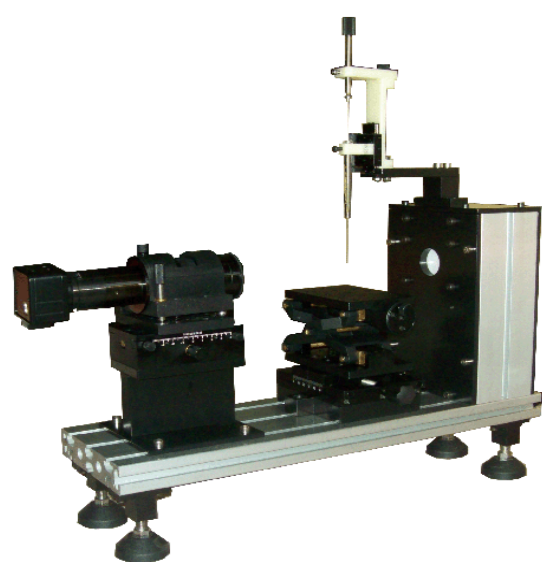
Light source: brightness adjustable luminescence LED light, clear display liquid drop edge;

Specification: 25 frame/s, Microscope rate 0.7 - 4.5 continuous magnifying, zoom in 20- 200 times, imaging resolution 2048\*1536;

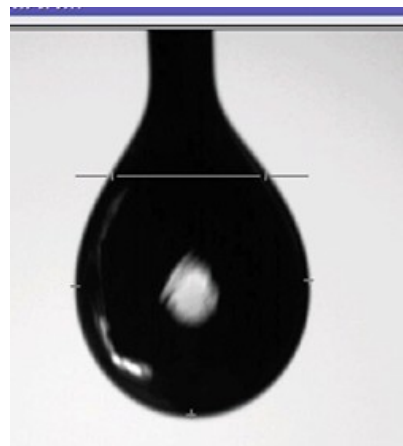
Look down vision angle adjust range: 0--10° (useful for small angle or thin material imaging clearance).

Left and right angle adjust range: 0--10°

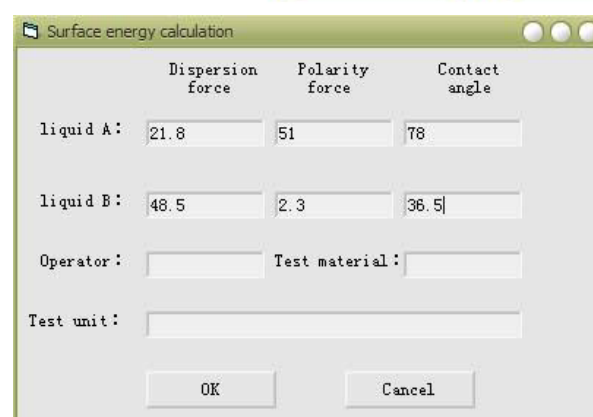
Measuring methods	Sessile drop, Solid surface energy, pendant drop
Analysis methods	$\theta/2$ , height measuring, automatic analysis ( $\theta/2$ ), automatic analysis (two base points)
Image shooting method	Single shot, continuous interval shot, continuous shot
Contact angle measuring range	$0 < \theta < 180^\circ$
Measuring resolution	0.01°
Measuring accuracy	0.1°
Solid surface energy	Owens with 2 liquids
Standard Sample table size	120*80mm <b>(can be enlarged according customer requirement)</b>
Sample max. height	30mm
Two-dimensional table adjusting range	Up and down 0-60mm, accuracy 0.01mm Left and right 0-60mm, accuracy 0.01mm
One-dimensional table adjusting range	Front and back 0-60mm, accuracy 0.01mm
Sample feeding mode	Sample injector 1), 100 microlitre, 2 microlitre 2), 10 microlitre, 0.2 microlitre
<b>Automatic sample feeding (Optional)</b>	<b>Software control peristaltic pump, 0.1-50 circle per min. , control time can be free setting.</b> <b>peristaltic pump flow rate accuracy: 0.0002ml/min.</b> <b>Min. liquid volume: 0.2uml</b>
Sample injector adjusting range	13mm, accuracy 0.005mm
Sample injector screw knob adjusting range:	0-50mm, adopt high accuracy manual screw rod, ensure liquid feeding stable and accurate.
Power supply	220V, 50Hz±5% <b>(Please specify your power requirement)</b>



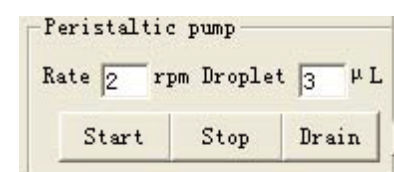
Sessile drop method



Pendant drop method



Solid surface energy



Software control automatic liquid drop (optional)

## CAG100 Contact Angle Goniometer

### Standard Accessories:

Contact angle goniometer mainframe	1 set
3 million pixel digital camera	1 set
Zoom lens	1 set
Two-dimensional table	1 set
One-dimensional table	1 set
Light source	1 set
Minor sample injector	1 set
Sample injector adjusting device	1 set
<b>Computer (Dell or HP, English Win7 system)</b>	1 set
<b>Software (English)</b>	1 set
Operation manual (In English language)	1 set
Software manual (In English language)	1 set
Certificate	1 set
Packing list	1 set

