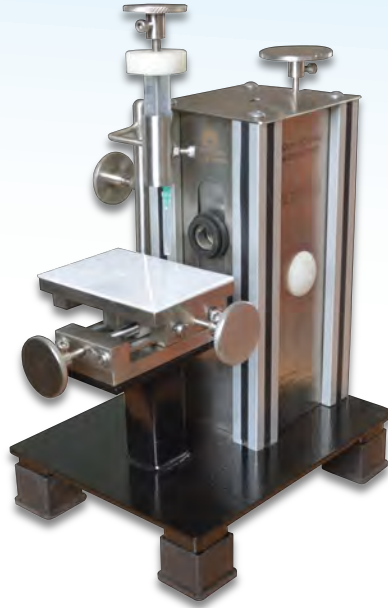


CONTACT ANGLE MEASUREMENT



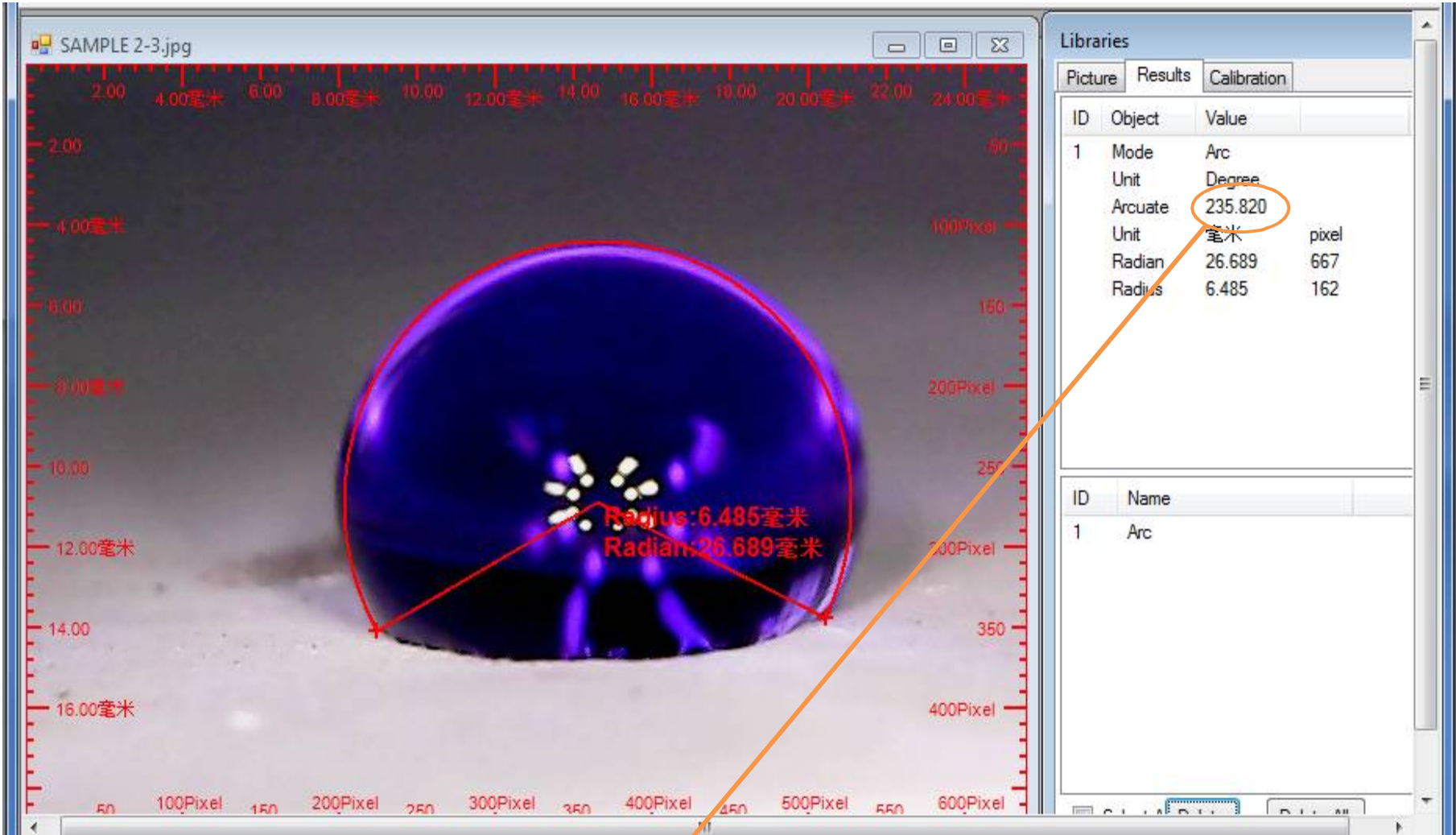
CONTACT ANGLE SKID

ITEM DESCRIPTION	QTY
X Y – Movement Horizontal slide with adjustment facility	1
Z – Movement vertical slide with adjustment facility for height movement to position and focus droplet	1
Platform to hold droplet	1
Image Sensor with USB Cable	1
Syringe for manually dispensing droplet of solution on X-Y platform	1
Standard software to measure contact angle using the captured image	1

IMAGE SENSOR

PARAMETER	DESCRIPTION
Image sensor	2MP (by software)
Type	CMOS image sensor
Controller	High speed DSP
Focus range	0-40mm
Video capture resolution	0.3M
Still image capture resolution	640 x 480
Built-in 6 LEDs	Adjustable lightness
Frame rate	30 fps
Power supply	USB port (5V DC)
USB	2.0 and USB 1.1 compatible
Operation system	Windows XP, Vista, 7

TECH INC CONTACT ANGLE REPORT



Angle Measured – 235.820 Deg
Contact Angle – $235.820 / 2 = 117.91$ Deg

checked by,
G. S. S. S.
TECH INC
CHENNAI
800 882
APR 2017