

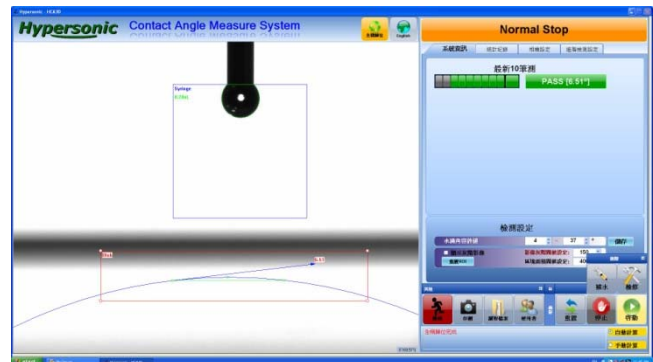
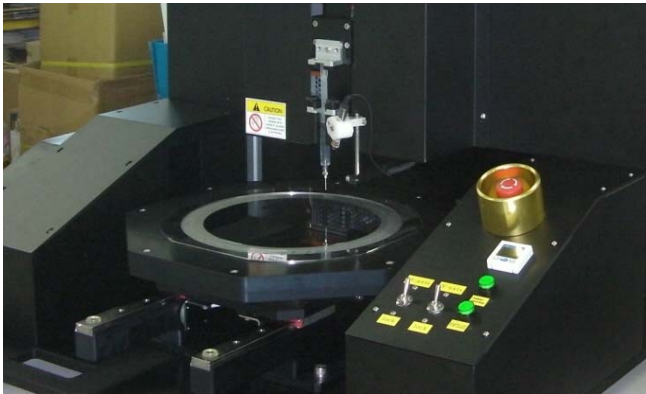
HCA-30

Contact Angle measuring system

水滴角量測儀

Features :

- Auto Droplet control
- Auto dispensing
- Auto measuring
- Apply for :
Wafer & Substrate/Leadframe



Specification

Contact angle measuring	Auto measuring
Contact angle range	0 ~ 180 degree
resolution	0.1degree
Repeatability Accuracy	± 2 degree
CCD measuring area	14mm x 12mm
CCD spec	5M pixel
Light source	Coaxial light source
Stage size	300mm x 300mm (12" wafer)
Stage movement range (manual)	Y : 300mm; θ:360°
Droplet accuracy	0.25ul
Droplet control	Auto droplet control
Dispensing	Auto Dispensing
IPC operation system	Windows XP system
Main system size	800mm x 750mm x 850mm
Power source	220V , single phase
Weight	100Kg

Hypersonic

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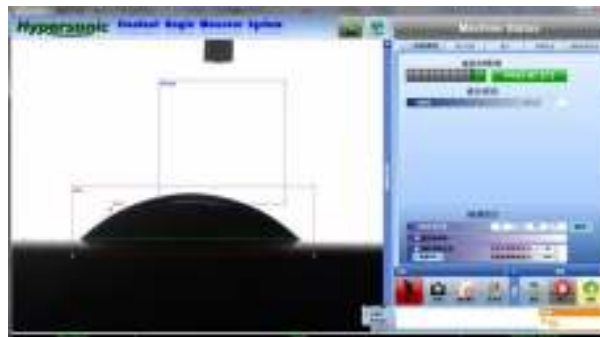
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HCA-50

Contact angle measuring system



Specification

Contact angle measuring method	Arch-tangent line
Contact angle range	0 ~ 180 degree
resolution	0.1degree
Repeatability Accuracy	± 2 degree
CCD measuring area	14mm x 12mm
CCD spec	500M pixel
Light source	Coaxial light source
Max. Substrate size	300mm x 100mm
Droplet Syringe movement range (Auto)	40mm
Droplet accuracy	0.0005mL
Droplet control (Auto)	Syringe Piston control by Motor
Loader/Unloader	Auto elevator loader/unloader
IPC operation system	Windows XP system

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