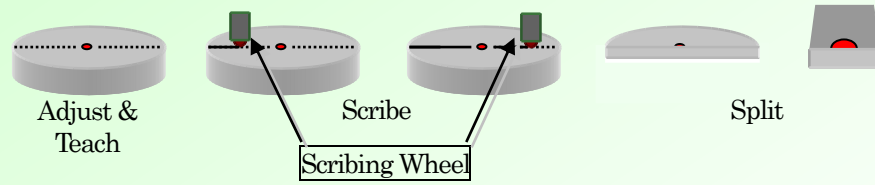


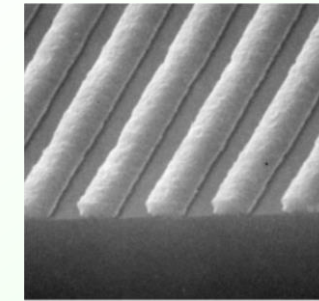
“AMC-series” solves your problems on preparations of Cross-Sectional SEM specimens. No need to waste your time!

- ◆ Simple operations
Adjust→Teach→Scribe (Auto.)→Split
The target is skipped and never damaged.

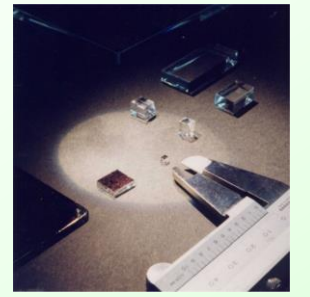


- ◆ CPU aided control of scribing (JPN Patent no. 3361024)
AMC scribes both flat and curved specimens.
- ◆ e. g. *AMC* can split glass (9 mm thick) smooth.
With pliers *ABK-5: Aluminum Arm Type*
(for specimens > 5 mm thick)

For Preparations of Cross-Sectional SEM Specimens!



Cross-Sectional SEM image of mask glass



Specimens of glass

	AMC-7600	AMC-7800	AMC-8000
Specimens	Wafers, Photomasks, TFT-LCDs, Quartz, SiC, Sapphire, etc.		
Max. size	7"□ (8"φ)		
Thickness	~ 0.6 ~ 10 mm		
Scribing accuracy	± 15 μm		± 2.5 μm
Stage Movement	x = 50 mm, y = 230 mm, θ = 360 deg.		
Microscope (Magnification)	Stereoscope with a zoom lens (× 15~× 90) (High Mag. Type: × 45~× 280)	CCD camera with a zoom lens (× 25~× 150 on a 19 inch monitor)	CCD camera with a zoom lens (× 90~× 580 on a 19 inch monitor)
Illuminator	Halogen lamp with a double light guide	Coaxial consisting of white LEDs	
Size	W445 × D800 × H550 mm	W445 × D535 × H620 mm	W550 × D650 × H570 mm
Weight	~ 53 kg	~ 50 kg (without a LCD)	~ 78 kg (without a LCD)
Requirement	AC 100 V, ≤200W, 50/ 60 Hz		

Warranty: 1 year
Custom Specifications are available by request.
Specifications are subject to change without notice.

For Preparations of Cross-Sectional SEM Specimens

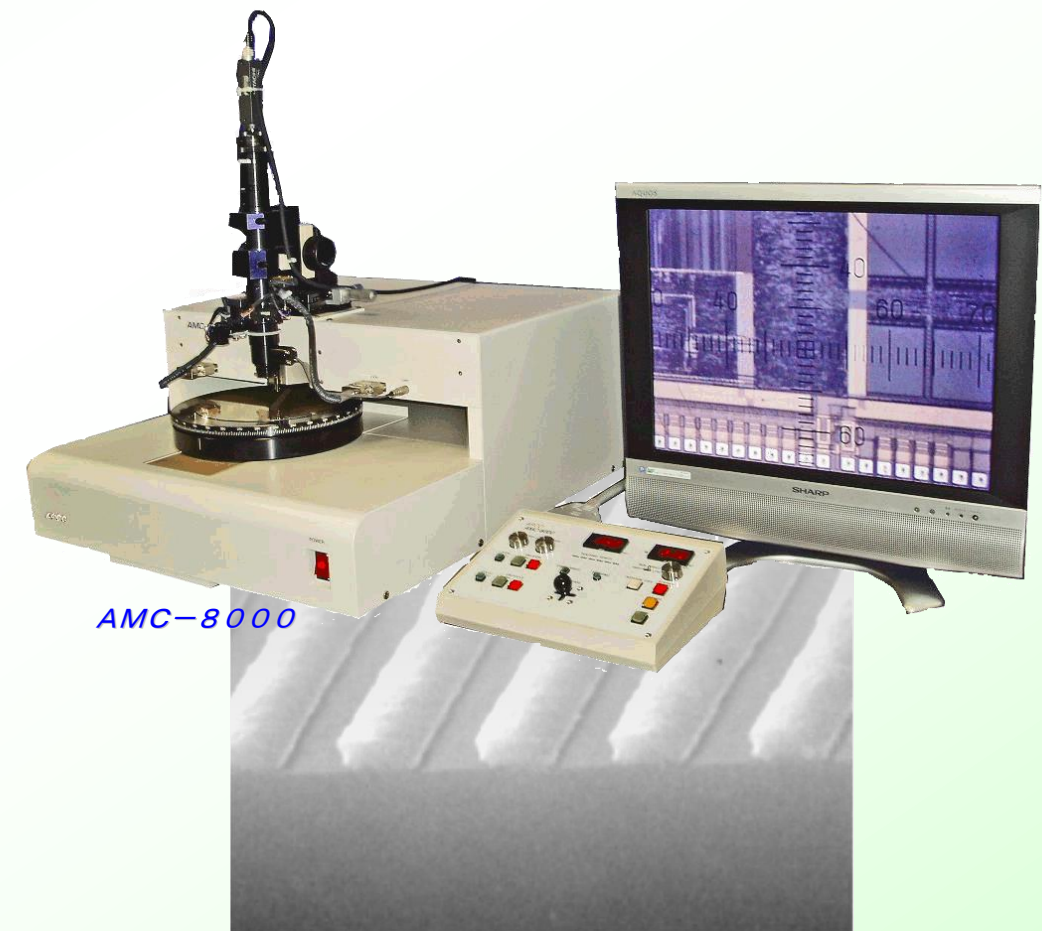
Precision Scriber and Pliers

AMC-series



- Pliers *ABK-5*
A kind of Pliers to split wafers and glass (≤ 5 mm thick) easily
- Pliers *ABK-5: Aluminum Arm Type*
For specimens (> 5 mm thick)

- LED lamp with double light guides (AMC-7800/8000)
- Tungsten Carbide Scribing Wheel
(a vertical angle of 105 deg./ 120 deg./ 135deg.)
- Diamond Scribing Wheel
(a vertical angle of 105 deg./ 120 deg./ 135deg.)



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