



Approach Industries Limited  
Approach (Dongguan) Precision Industries Ltd.  
Quality Assurance Facilities

**Founded in 1994**



# Quality Control

# AOI



Model	BF-Comet10
Resolution	10 $\mu$ m
Board Size	50×50 - 250×330mm, 2×2 - 10×13in.
Board Thickness	0.6 - 2.5mm, 24 - 100mils
Board Warp	+/-2mm, 79mils

# Quality Control



X-Ray Inspection



Solder Paste  
Thickness Checker



# Quality Control



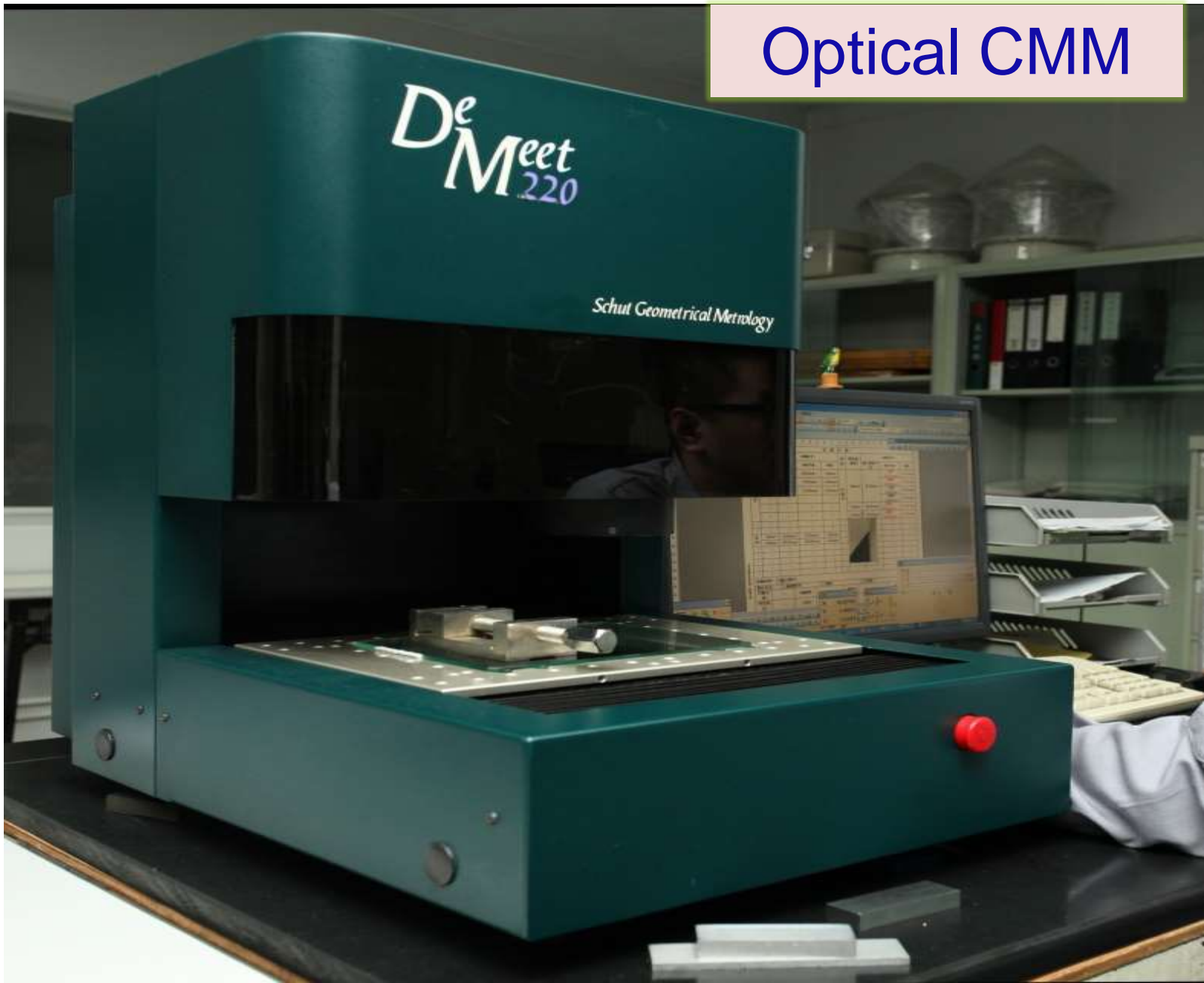
# Quality Assurance

- ✓ Life/Aging testing
- ✓ Environmental testing
- ✓ Thermal shocking
- ✓ Humidity testing
- ✓ Salt vapor spraying
- ✓ CpK Analysis
- ✓ Fire-Retardation
- ✓ Mechanical Testing





# Optical CMM







# Light Analysis





RoHS Analysis



# Thermo-shocking & Environmental Testing





# High/Low Temperature & Humidity Testing

# Salt-vapor Testing



# Life/MTTF Testing





Quality Department		Country of Origin	Unit
Quality Testing Equipment	Co-ordinate Measuring Machine LKG90C	United Kingdom	1
	Demeet Lasar Co-orindate Measuring Machine	Germany	1
	Profile Projector	United Kingdom	1
	Topcon BM7 Light Intensity Measuring Device	Japan	1
	Minolta/Konica Color Spectrum Measuring Device	Japan	1
	Shimadzu X-Ray Spectrum ROHS analyzing machine	Japan	1
	Pony X-Ray Inspection Machine	Japan	1
	Mitsuya Salt-Vapor Testing Chamber	Japan	1
	Autoclave Pressure Testing Chamber	Korea	1
	Espec High Temperature Chamber	Japan	2
	Espec High Humidity Chamber	Japan	2
	Espec Low Temperature(-70°C) testing Chamber	Japan	1
	Espec Environmental Chamber	Japan	2
	Espec Thermo-shocking Chamber	Japan	1
	EOS Crimping Force Monitor	Canada	2
	Solar/UV aging lamp Ultra-vitalux 300W	China	1
	UL Fire-retardation testing Chamber	China	1
Water Splashing-proof Testing Chamber	China	1	



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**Your Reliable EMS Partner**

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