

DATASHEET · MICROSCOPY

# Super Large Stage Metallurgical Microscope with 12-inch Stage for Chip, Wafer, Particle Blasting Inspection.

SKU MCX-0018 Spec v1 Rev. 2026-07-09

DATASHEET · P  
**MCX-**  
 Rev 2026



PRODUCT FAMILY  
 ANIMAL MODEL  
 APPLICATION  
 COUNTRY OF ORIGIN  
 MFG. STANDARD  
 LOT TRACEABLE **No**  
 VERIFIED **Spec v1 · 2026-07-09**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

AUTOMATION LEVEL	Manual	PRODUCT TYPE	Microscope
MICROSCOPE TYPE	Metallurgical	APPLICATION	Materials Science, Quality Control, Semiconductor Inspection
SKILL LEVEL	Advanced	BRAND	ConductScience
RESEARCH DOMAIN	Materials Science, Semiconductor Manufacturing, Quality Control, Analytical Chemistry, Industrial Inspection	OPTICAL SYSTEM	Infinite Semi-Apochromatic
MAGNIFICATION RANGE	50x-500x (25x-1000x extended)	OBSERVATION MODES	Brightfield, Darkfield, Polarization (optional)
STAGE SIZE	12-inch (760 × 430 mm)	STAGE TRAVEL	300 × 300 mm
ILLUMINATION	Dual 10W LED (Reflected + Transmitted)	EYEPIECE	PL10x/25mm Wide Field
NOSEPIECE	5-hole BF with DIC Slot	FOCUS PRECISION	0.001 mm fine adjustment
CONDENSER	Swing-out Achromatic NA 0.9	CAMERA MOUNT	0.65x C-mount (optional 0.5x/1
DIMENSIONS L×W×H (MM)	4.9 × 6.6 × 6.6	WEIGHT (KG)	1.9
AVAILABILITY	In stock		

QTY	ITEM	SKU
Scope.	Super Large Stage Metallurgical Microscope with 12-inch Stage for Chip, Wafer, Particle Blasting Inspection	MC
INFO@CONDUCTSCIENCE.COM	CONDUCTSCIENCE.COM	MCX-0018 · DATASH

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Super Large Stage Metallurgical Microscope with 12-inch Stage for Chip, Wafer, Particle Blasting Inspection

MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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Cross-reference.



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OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COMI

**OPERATING**

TEMPERATURE

HUMIDITY

PRESSURE

**STORAGE**

TEMPERATURE

HUMIDITY

ORIENTATION

**STERILIZATION & CLEANING**

AUTOCLAVE

GAMMA

AVOID

ETO

WIPE

ANIMAL COMPATIBILITY BY SPECIES

NOTES USE & S

SPECIES	BODY WEIGHT	CHAMBER FIT
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Specifications verified against current published product data. Verified 2026-07-09 · Since 2026-07-09.

**Cite:** ConductScience MCX-0018, Spec v1, 2026-07-09. [conductscience.com/lab/super-large-stage-metallurgical-microscope-with-1](https://conductscience.com/lab/super-large-stage-metallurgical-microscope-with-1)

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