



AMAT UVision 200S
Serial nr T730
Vintage 2007 300mm

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Location warehouse Nijmegen condition "As is"




Manufacturer: Applied Materials
Type: 300mm UVision
Serial number: T730
Date of manufacture: 2007

The AMAT
Uvision SP 200 is a BF (Bright Field) wafer inspection tool
It is designed to inspect pattern wafers, but it can also inspect bare
and unpatterned wafers
Ligth source: Laser (266 =λnm)
Tool scans a wafer in a meander path
Die to Die " and Cell to Cell " comparison capability
Can use reflected --(BrighField) and scattered signal (GF = GreyField)
in parallel for detection
On pattern wafers capable of detecting defects of 25 nm with 90 %
Capture Rate (Data from D&E recipe,



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 APPLIED MATERIALS®	9 OPPENHEIMER ST. REHOVOT 76705 POB 4030 ISRAEL
UVision 200S	
SERIAL No. <u>T730</u>	
YEAR OF CONSTRUCTION: <u>2007</u>	
OVER CURRENT PROTECTION PROVIDED AT MACHINE SUPPLY TERMINALS.	
SUPPLY VOLTAGE: 208V AC 3 PH 5 WIRE 50/60 HZ	
GFCI: MAXIMUM AMPERE RATING 63A; LEAK RATING 30mA	
LARGEST LOAD AMPERE RATING: 15A	
MAXIMUM SYSTEM RATING: 10 KVA	
FULL LOAD CURRENT: 35A	
INTERRUPT CURRENT: 45 KA	
SCHEMATIC DRAWINGS NUMBER: 0180-A0018	
WEIGHT: 5000 KG	
	WARNING: 
Product conforms to 21 CFR 1040.10, 1040.11 At the Date of Manufacture.	
P/N 0060-A1210	

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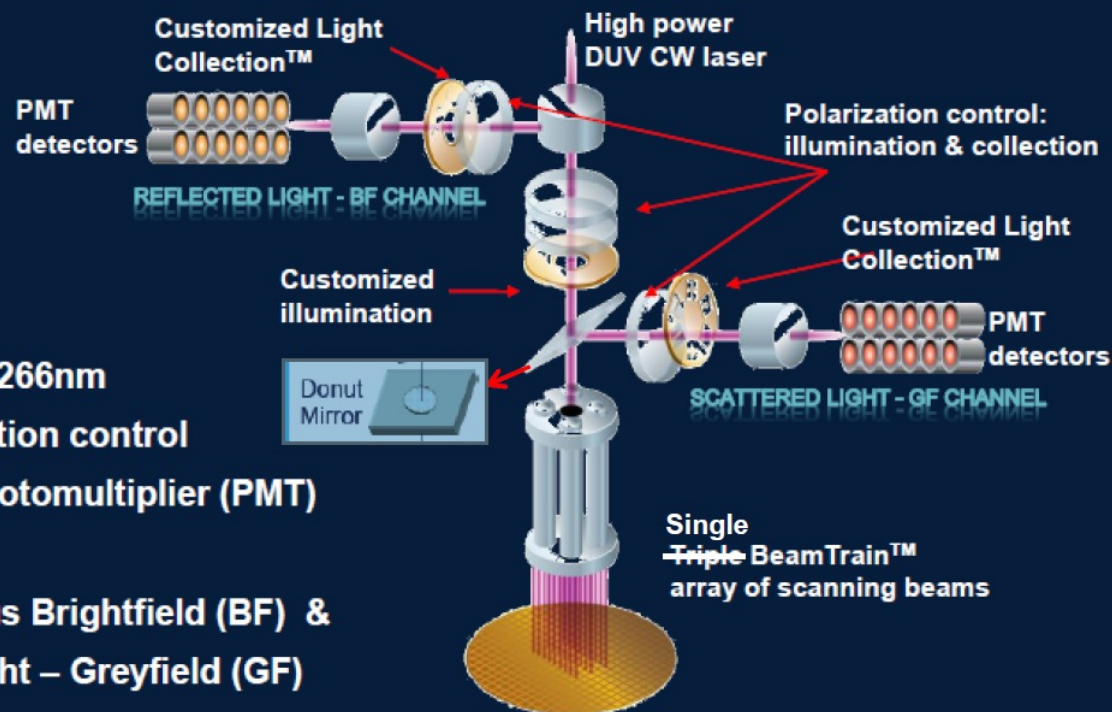
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AMAT-UVisionSP200: Explanation technique

UVision Basic Architecture



- DUV laser – 266nm
- Full polarization control
- Sensitive photomultiplier (PMT) detectors
- Simultaneous Brightfield (BF) & scattered light – Greyfield (GF) inspection

Solutions on Silicon BV

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PM, CM, Trouble shooting, Upgrading, Training and Onsite Service Contracts
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Process design, Improvement, Fab-to-Fab Transfer and Integration
- **Refurbishment**
From custom to complete refurbishment
- **Relocation**
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- **Materials**
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