Nikon NSR-2005i8A

Nikon

NSR-2005i8A

~~i-Line Stepper~~

Lithography Equipment

Equipment details:

Date of Manufacture: 1992

Currently Con gured for: 200mm

Current Equipment Status: Available

NSR i8a

Uses 2000W HBO lamps

200 mm wafers

Multiple stage parts replaced in 2018

Cameras replaced in 2018

Pneumatic unit replaced in 2018 with Nikon OEM part and a lot of the vacuum tubing throughout the tool was replaced

Reticle blinds unit replaced with Nikon OEM part in 2017

Lamp power supply replaced in 2017

New Nikon computer in 2020

CCU NVC6B-U with modules replaced in 2020

Condition of item: Good

Type of product processed through this tool: 200mm wafers, 6” x 6” 5X reticles

Has equipment been cannibalized (Y/N): NO

If Yes, please advise what has been removed: chuck chiller

Has equipment been modified : (Y/N): Y

If Yes, can it be restored? No

Name of Software	Made By
Nest Operating System	____Nikon___

Software is NOT transferred with the tool

Are there operating/maintenance manuals available? Yes

List all available:

NSR/MCSII System Software Reference Manual

NSR-2005 G8/I8 Series System Manual Part 1 and Part 2

NSR/MCSII Series Operational Manual Part 1 and Part 2

NSR/MCSII Series Operational Manual Part 3

AMS (MMP) Instructional Manual/MCSII Maintenance Software

Laser Interferometric Alignment (LIA) Overview and Operation Manual

Wafer Loader Description and Error Handling Procedure

Weighted EGA Instruction Manual

NIKON-DP (Expanded-Focus Exposure) Instruction Manual

Test Reticle Instruction Manual

Multi-Point Auto Focus Instruction Manual

Test Process Program Overview

Stage Information

Number Of Stage Axis: X,Y,Z

Is The Stage Automated Or Manual: __Automated__

Does The Stage Have Vacuum: (Y / N) __Y__

Is The Stage Heated: (Y / N) __N_____

Heat Controller Model: ___N/A__

Vision System Information

Are camera(s) classified under the ITAR? No

Camera Model: __ CCU NVC6B-U __

Number Of Cameras On The Tool: ___2___

Cameras: Black & White

Monitor: Black & White

Laser Information

Laser Model: < 1mW He-Ne laser

Laser Class: __II_

Has A Recent Safety Check Been Conducted: No

Facilities Required To Run The Tool

Voltage: 208V

Hertz: 50/60 Hz

Phase: 3

Power: full load current: 40A, ampere rating of largest motor or load: 12A

Short circuit interrupting capacity: 22 KA

Vacuum: YES

Air: compressed air

Gases: _compressed air

Chemicals: __Freon-22 and Suniso 3GS Refrigeration Oil

Water: Non-contact cooling water