



R&D and Services

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LAM Research

4420 Poly Etch 200mm Configuration

SN 3184

Information contained in this presentation is confidential

LAM Research

4420 Poly Etch SN 3184

Location warehouse Nijmegen condition refurbished



Tool Model : 4420

Current Tool Serial Number : 3184

SoS dual LCD monitor upgrade

SoS Powersupply upgrade

SoS Pneumatic upgrade

Bulkhead system mount w/tunnel covers

Hine 38A open cassette Send/Receive indexers

Software Version: Envision

Poly etcher, 8" 4,5 and 6 inch optional

Clamp type/ ESC optional

RF onboard AE RFDS 1250 watt RF generator

Chiller Unit Neslab

AC Rack AC Power Distribution

Moving gap

Back Helium Colling

Main Power 208V, 3 Phase, 5Wire, 175A, 60/

Hine 38A open cassePe Send/Receive indexers

Belt driven load station

Standard load station shuttle spatula

Upper chamber gap drive encoder

Dip PCB for RF power tuning

Aluminum upper chamber electrode

Single lower chamber endpoint detector (405/520nm)

Non---heated endpoint window

Low pressure chamber manifold

HPS valve for chamber isolation

AC---2 chamber pressure control

Lower chamber RGA port

VCI lower mini---match

Millipore CMHT---11S02 10 Torr chamber manometer

Millipore CMLA---21 100 Torr backside helium manometer

Tylan General CMHT---11S02 10 Torr reference manometer

8 --- Gas box Orbital gas box

Gas 1: To customer Spec

Gas 2: To customer Spec

Gas 3: To customer Spec

Gas 4: To customer Spec

Gas 5: To customer Spec

Gas 6: To customer Spec

Gas 7: To customer Spec

Gas 8: To customer Spec

UPC: He (50 sccm) --- Unit 1300

AC input box for AC power inlet

Trip breakers AC/DC power box

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