A6165 - APPLIED MATERIALS CENTURA II OXIDE SUPER-E REFURBISHED SYSTEM

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B6165 - CHAMBER TYPE / WAFER SPECIFICATIONS:

-POSITION A: OXIDE SUPER-E

-POSITION B: OXIDE SUPER-E

-POSITION C: OXIDE SUPER E

-POSITION D: EMPTY

-POSITION E: EMPTY

-POSITION F: ORIENTER

-WAFER SIZE: 200MM

-WAFER SHAPE: JMF

**Note : To change to SNNF the following 3 parts are required**

 0040 39999 ESC CERAMIC SNNF 200MM x3

0200 10446 INSERT RING.SILICON,200MM,NOTCH(2),SI/QTZ,OXIDE x3

0200 36696 SHADOW RING,QUARTZ,200MM NOTCH (2),SUPER E x3

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C6165 - CHAMBER A:

-PROCESS KIT: PLANAR

-CHAMBER ORING: CHEMRAZ 513

-TURBO PUMP: SEIKO SEIKI 301

-SLIT VALVE ORING: CHEMRAZ 513

-ENDPOINT WINDOW: RECESSED

-EMISSION ENDPOINT TYPE: H.O.T. ENDPOINT

-ENDPOINT WAVELENGTH 1: CO 484 NM

-ENDPOINT WAVELENGTH 2: CN 387 NM

-SLIT LINER DOOR: YES

-LID: CLAMP

-RF MATCH: HIGH EFFICIENCY

-IS IX RF GENERATOR: ENI 28B

-RGA TEST PORTS: YES

-DUAL CM TEST PORT: NONE

-CATHODE TEMP SENSOR: YES

-ESC POWER SUPPLY: POSITIVE HV POWER

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D6165 - CHAMBER B:

-PROCESS KIT: PLANAR

-CHAMBER ORING: CHEMRAZ 513

-TURBO PUMP: SEIKO SEIKI 513

-SLIT VALVE ORING: CHEMRAZ 513

-ENDPOINT WINDOW: RECESSED

-EMISSION ENDPOINT TYPE: H.O.T. ENDPOINT

-ENDPOING WAVELENGTH 1: CO 484 NM

-ENDPOINT WAVELENGTH 2: CN 387 NM

-SLIT LINER DOOR: YES

-LID: CLAMP

-RF MATCH: HIGH EFFICEINCY

-IS IX RF GENERATOR: ENI 26B

-RGA TEST PORTS: YES

-DUAL CM TEST PORT: NONE

-CATHODE TEMP SENSOR: YES

-ESC POWER SUPPLY: POSITIVE HV POWER

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E6165 - CHAMBER C:

-PROCESS KIT: PLANAR

-CHAMBER ORING: CHEMRAZ 513

-TURBO PUMP: SEIKO SEIKI 301

-SLIT VALVE ORING: CHEMRAZ 513

-ENDPOINT WINDOW: RECESSED

-EMISSION ENDPOINT TYPE: H.O.T. ENDPOINT

-ENDPOING WAVELENGTH 1: CO 484 NM

-ENDPOINT WAVELENGTH 2: CN 387 NM

-SLIT LINER DOOR: YES

-LID: CLAMP

-RF MATCH: HIGH EFFICEINCY

-IS IX RF GENERATOR: ENI 28B

-RGA TEST PORTS: YES

-DUAL CM TEST PORT: NONE

-CATHODE TEMP SENSOR: YES

-ESC POWER SUPPLY: POSITIVE HV POWER

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F6165 - CHAMBER D:

-EMPTY

G6165 - GAS PANEL CONFIGURATION:

GAS PANEL DELIVERY

PALLET OPTIONS

-COMPONET SELECTION: NO PREFERENCE

-VALVE: FUJIKIN

-TRANSDUCER: MKS

-REGULATOR: VERIFLO

-FILTER: MOTT

-TRANSDUCER DISPLAY: 1 DISPLAY PER STICK

-MFC TYPE: 8161 DIGITAL

GAS PANEL FEATURES:

-GAS PANEL FACILITIES HOOK UP: TOP FEED MULTI LINE DROP

-SLD ENCLOSURE: NOT APPLICABLE

-GAS PANEL EXHAUST: BD CHAMBER SIDE TOP

-GAS PANEL CONTROLLER: VME II

-SPECIFIED GAS ORDER MANDATORY: YES

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H6165 - PALLET A:

-LINE 1 GAS: NF3

-MFC SIZE: 20 SCCM

-LINE 2 GAS: CF4

-MFC SIZE: 50 SCCM

-LINE 3 GAS: CHF3

-MFC SIZE: 100 SCCM

-LINE 4 GAS: AR

-MFC SIZE:: 200 SCCM

-LINE 5 GAS: O2

-MFC SIZE: 20 SCCM

-LINE 6 GAS: N2

-MFC SIZE: 100 SCCM

-LINE 7 GAS: O2

-MFC SIZE: 200 SCCM

-LINE 8 GAS: CF4

-MFC SIZE: 200 SCCM

-LINE 9 GAS: EMPTY

-MFC SIZE: EMPTY

-LINE 10 GAS: EMPTY

-MFC SIZE: EMPTY

-PALLET: 4/6

-PALLET CORROSIVE GAS LINE QTY: 4

- PALLET INERT GAS LINE QTY: 4

- FILTER QTY: 8

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I6165 - PALLET B:

LINE 1 GAS: NF3

-MFC SIZE: 20 SCCM

-LINE 2 GAS: CF4

-MFC SIZE: 50 SCCM

-LINE 3 GAS: CHF3

-MFC SIZE: 100 SCCM

-LINE 4 GAS: AR

-MFC SIZE:: 200 SCCM

-LINE 5 GAS: O2

-MFC SIZE: 20 SCCM

-LINE 6 GAS: N2

-MFC SIZE: 100 SCCM

-LINE 7 GAS: O2

-MFC SIZE: 200 SCCM

-LINE 8 GAS: CF4

-MFC SIZE: 200 SCCM

-LINE 9 GAS: EMPTY

-MFC SIZE: EMPTY

-LINE 10 GAS: EMPTY

-MFC SIZE: EMPTY

-PALLET: 4/6

-PALLET CORROSIVE GAS LINE QTY: 4

-PALLET INERT GAS LINE QTY: 4

-FILTER QTY: 8

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J6165 - PALLET C:

-LINE 1 GAS: NF3

-MFC SIZE: 20 SCCM

-LINE 2 GAS: CF4

-MFC SIZE: 50 SCCM

-LINE 3 GAS: CHF3

-MFC SIZE: 100 SCCM

-LINE 4 GAS: AR

-MFC SIZE:: 200 SCCM

-LINE 5 GAS: O2

-MFC SIZE: 20 SCCM

-LINE 6 GAS: N2

-MFC SIZE: 100 SCCM

-LINE 7 GAS: O2

-MFC SIZE: 200 SCCM

-LINE 8 GAS: CF4

-MFC SIZE: 200 SCCM

-LINE 9 GAS: EMPTY

-MFC SIZE: EMPTY

-LINE 10 GAS: EMPTY

-MFC SIZE: EMPTY

-PALLET: 4/6

-PALLET CORROSIVE GAS LINE QTY: 4

-PALLET INERT GAS LINE QTY: 4

-FILTER QTY: 8

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K6165- PALLET D:

-EMPTY

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L6165 - MAINFRAME:

GENERAL MAINFRAME OPTIONS:

-FACILITIES TYPE: REGULATED

-FACILITIES ORIENTATION: FACILITIES BOTTOM CONNECTION

-OPTICAL CHARACTER RECOGNITION: NO

-WEIGHT DISPERSION PLATES: MAINFRAME ONLY

TRANSFER CHAMBER OPTIONS:

-TRANSFER CH MANUAL LID HOIST: YES

-ROBOT TYPE: HP+ ROBOT

-ROBOT BLADE OPTION: NICKEL COATED ALUM INUM

-WAFER ON BLADE DETECTOR: BASIC

-ON THE FLY CENTERFIND: YES

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M6165 - LOADLOCK / CASSETTE:

LOADLOCK / CASSETTE OPTIONS:

-LOADLOCK TYPE: WBILL AUTO-ROTATION

-LOADLOCK PLATFORM: UNIVERSAL

-NARROWBODY LOADLOCK EXTENSION: NOT APPLICABLE

-CASSETTE TYPE SUPPORTED: UNIVERSAL

-LOADLOCK COVER FINISH: ANTI-STATIC PAINTED

-LOADLOCK SLIT VALVE ORING TYPE: VITON

-WAFER MAPPING: ENHANCED

-WAFER OUT OF CASSETTE SENSOR: NOT AVAILABLE

-CASSETTE PRESENT SENSOR: NOT AVAILABLE

-INTEGRATED CASSETTE SENSOR: YES

-LOADLOCK VENT: BOTTOM VENT

-W THROTTLE VALVE AND BARATRON: NO

-HP THRUPUT ENHANCEMENT: NO

-CLEAR BLANK OFF PLATES: YES

-TRANSFER MFC TYPE: STEC 1.O SLIM

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N6165 - FAB INTERFACE:

-FACTORY AUTOMATION: NOT AVAILABLE

-SMIF ROBOT: NOT AVAILABLE

-AGV INTERFACE: NO

-LAMINAR FLOW: NOT APPLICABLE

-INTERFACE TYPE: NOT APPLICABLE

-ROBOT SUPPLIED BY: NOT APPLICABLE

-BAR CODE READER: NOT APPLICABLE

-HIGH SPEED MESSAGING SYSTEM: NO

-STANDARD GEM INTERFACE: YES

-SYSTEM DIAGNOSTICS: NONE

FRONT PANEL:

-FRONT PANEL: ANTI-STATIC PAINTED

-SIGNAL TOWER: 4 COLOR SIGNAL LIGHT TOWER INCLUDING RED LIGHT

4 COLOR SIGNAL LIGHT TOWER CONFIGURATION:

-TOP LIGHT COLOR: RED

-SECOND LIGHT COLOR: YELLOW

-THIRD LIGHT COLOR: GREEN

-FOURTH LIGHT COLOR: BLUE

-SIGNAL LIGHT TOWER BUZZER: DISABLED

-SECOND SIGNAL LIGHT TOWER: NO

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O6165 - MODULES:

ENDPOINT:

-HOT ENDPOINT QTY: 6

-MONOCHROMATOR: 0

-TOTAL ENDPOINT QTY: 6

-ENDPOINT MOUNTING: STAND ALONE

-ENDPOINT MONITOR: STAND ALONE

-ENDPOINT CART: 56 INCH TALL PAINTED

-ENDPOINT PRINTER: NONE

-SECONDARY 4 CHANNEL PCB: YES

-IDEC: NO

-EyeD: PSM: NO

AC RACK OPTIONS:

-GFI: 30m AMP

-AC RACK TYPES: 84 INCH SLIM AC GEN RACK **( 66 inch racks can be supply if customer prefers )**

-EXHAUST COLLAR: NONE

-PRIMARY MCE AC RAC: NOT APPLICABLE

-SECONDARY MCE AAC RACK: NOT APPLICABLE

-MCE SECONDARY GENERATOR RACK: NOT APPLICABLE

-CONTROLLER FACILITY INTERFACE: NONE

GENERATOR RACK OPTIONS:

-RF ON INDICATOR: NO

-RF GEN RACK PLEXIGLAS COVER: NO

-SECOND RF ON INDICATOR: NO

-GEN RACK COOLING WATER: GEN RACK WATER MANIFOLD

-RF GENERATOR FLOW METER: NOT AVAILABLE

-GEN RACK MANIFOLD FACILITIES: 1/2 INCH COMPRESSION TUBE FITTINGS

CONTROLLER:

-CONTROLLER TYPE: 66 INCH COMMON CONTROLLER

-CONTROLER ELECTRICAL INTERFACE: BOTTOM FEED

-CONTROLLER EXHAUST: TOP EXHAUST

-CONTROLLER COVER OPTION: YES

-ADAPTOR FOR SECS PORT 25 POS: NO

-EXHAUST DUCT: NO

-CONTROLLER 10 INTERFACE: NONE

-THREE WAY SWITCH BOX: NO

-FLASH MEMORY DRIVE: NO

SYSTEM MONITORS:

-MONITOR TYPE: CRT - OMLY ONE CRT MONITOR WITH SYSTEM

-SYSTEM MONITOR: 1 STAND ALONE

-MONITOR CURSOR: BLINKING CURSOR

-ADDITIONAL SYSTEM MONITOR: NONE

-SYSTEM PRINTER: NONE

HEAT EXCHANGER: ATS MPAK MP 40

-INDEP TEMP CONTROL CATHODE: NO

-HEAT EXCHANGER CHILLER COOLANT: DI/ETHYLENE GLYCOL

-HEAT EXCHANGER INTERFACE: NONE

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P6165 - PUMPS:

PUMP OPTIONS:

-PUMP CONFIGURATION: PUMP INTERFACE ONLY

PUMP INTERFACE ONLY:

-LL CHAMBER PUMP: PUMP INTERFACE ONLY - THIS WILL BE BASE IN CUSTOMER'S FAB PUMPS

-XFER CHAMBER PUMP: PUMP INTERFACE ONLY

-CH A BACKING PUMP: PUMP INTERFACE ONLY

-CH B BACKING PUMP: PUMP INTERFACE ONLY

-CH C BACKING PUMP: PUMP INTERFACE ONLY

-CH D BACKING PUMP: PUMP INTERFACE ONLY

PUMP INTERFACE QTY: 5

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Q6165 - UMBILICALS:

UMBILICAL:

-CONTROLLER TO MAINFRAME UMBILICAL: 60 FEET (50 FEET EFFECTIVE)

-CONTROLLER TO AC RACK UMBILICAL: 60 FEET 50 FEET EFFECTIVE)

-AC TO MAINFRAME UMBILICAL: 60 FEET (44 FEET EFFECTIVE)

-HX CONTROL CABLE LENGTH: 50FT

-HEAT EXCHANGER HOSE LENGTH: 75FT

-PUMP CABLE LENGTH: NO PRESENT - WE ARE SOURCING THE HEX

-RF GENERATOR CABLE: 50 FEET

-SIGNAL LIGHT TOWER EXT CABLE: NO

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R6165 - PHASE II FACILITIES:

PHASE II FACILITY GENERAL OPTIONS:

-MANIFOLD 1 : HEAT EXCHANGER

-MANIFOLD 2: NONE

-MANIFOLD 3: NONE

-MANIFOLD 4: NONE

-MANIFOLD 5: NONE

CHAMBER A HX CONNECTION:

-CHAMBER WALL: VIA MNFLD 1

-CHAMBER CATHODE: DIRECT NO VALVE

-CHAMBER DOME: NA

CHAMBER B HX CONNECTION:

-CHAMBER WALL: VIA MNFLD 1

-CHAMBER CATHODE: DIRECT NO VALVE

-CHAMBER DOME: NA

CHAMBER C HX CONNECTION

-CHAMBER WALL: VIA MNFLD 1

-CHAMBER CATHODE: DIRECT NO VALVE

-CHAMBER DOME: NA

CHAMBER D HX CONNECTION:

-CHAMBER WALL: NA

-CHAMBER CATHODE: NA

-CHAMBER DOME: NA

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S6165 - INSPECTION / SHIPPING & WARRANTY

SYSTEM INSPECTION / SHIPPING:

-SOURCE INSPECTION AS REQUIRED

-SHIPPING PACKAGE: DOUBLE BAG

WARRANTY SERVICE:

- 90 days parts/labor warranty on NON-Consumables

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T6165

CONFIDENTIALITY:

The buyer or its duly designated representatives shall

acknowledges that disclosure of the quotation price of the

equipment described above will be damaging ti the supplier's

economic advantage, and agrees that for a period of not less than

24 months from the date of quotation.

Neither the buyer nor agents or employees shall disclose to any

third party the price paid for the equipment.

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U6165

IMPORT/EXPORT/DELIVERY:

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V6165

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W6165