DUNA 700 SOE Coater System (modernized version of SVG88)

Summary

1 x AIO DUNA 700 modernized version of SVG88 series coater/ developer track upgraded version with PC.

The upgrade of the SVG88 to the DUNA 700 includes:

- NetTrack Recipe Management Software inside
- Dual Track
- NetTrack CPU board
- 3 refurbished CYBOR photo resist pumps with controller
- Brushless motor and servo controller
- 4” size conversion kit
- There is Windows XP PC 2pcs (develop/resist) Originally there was no PC.

Specification

- Wafer size: capable up to 6” wafer and set up to 6” wafer
- Wafer type: Silicon round wafer
- Wafer flow: left to right
- Power: 220/240V, Single Phase, 50/60Hz
- Rear of the cabinet facilities access
- Standard poly floors
- Teflon insulated mainframe wiring
- NetTrack CPU Board
    - Direct interchangeable with SVG CPU
    - Can store up to 99 programs
    - Capable component exercise
- NetTrack Recipe Management
    - Compatible to SVG86/88 Series Track system
    - Unlimited recipe storage and secure on PC hard disk
    - Real-time process alarm & event capturing and information display
    - Network host recipe data automation

Module Specifications

Indexer Assembly

- Capacitance wafer sensor
- 3/16” inch pitch (25 wafer cassette setup)
- Sliver Teflon Coated Platform

Hot Plate Oven Assembly

- Clear anodized 3 pin Hot Plate Oven Assembly (Temp. spec: Less than +/- 0.5C
- 3-pin lift for wafer handling
- AIO enhanced Cast-In Heating element, 220V, 450W
- Watlow Controller with PID control
    - Auto tuning +/- 0.1% calibration accuracy
    - +/- 0.1C temperature uniformity

    - Digital LED display
- Proximity or contact bake control
- Common stainless steel exhaust manifold assembly
- 1/10th read out RTD temperature probe
- 50C to 250C temperature range
- HBO exhaust cover (special feature of DUNA 700 system)

Coat Module Assembly

- Programmable Pivoting moving dispense with 3 dispense lines and TOP EBR assy
- AIO Low Profile Catch Cup Assembly with build-in Bottom EBR
- Brushless spin motor and servo controller is included
- Pre-dispense cup with programmable pre-dispense up to 99 cycles
- Pivoting Z Axis Moving Dispense
- 3/16”, 3/16”, 3/16” size dispense nozzle
- Digital Vacuum Switch
- Top and Bottom EBR
- Interlocked safety cover to stop process when removed
- Center collection 1 gallon drain jar with high level sensor to link to alarm panel
- Solvent Vapor Tip Bath
- Purge system for Dispense line

Positive Developer Module Assembly

- Programable Moving Dispense Assy
- Neslab CTD Cart is included
- Brush high spin motor is included
- Spray and stream and back wash nozzle
- Digital Vacuum Switch
- Interlocked safety cover to stop process when removed
- Direct drain to the customer drain line

ATS (Automatic transfer System) Assy