

ECM FVS 3.2 SE

Kind : Oven - Furnace
Manufacturer : ECM
Model : FVS 3.2 SE
Year : 2019
Serial : 232655-500
Stock : T14818



Rebuilt by ECM in 2019

TECHNICAL DETAILS

| | |
|--|-------------------------------|
| - Useful dimensions | : 300 x 300 [mm] |
| - Max. loading height | : 200 [mm] |
| - Max. load | : 10 [kg] |
| - Max. temperature | : 1550 [°C] |
| - Heating power | : 30 [kW] |
| - Heating elements materials | : Molybdenum |
| - Vacuum specifications | |
| * Final vacuum | : 0.000001 [mbar] |
| * Leakage rate | : 0.001 [mbar.l/s] |
| * Nominal flow rate of mechanical pump | : 30 [m3/h] |
| - Water cooling features | |
| * Water flow during heating | : 20 [lpm] |
| * Cooling water pressure | : 1.5 / 3 [bars] |
| * Water flow during cooling | : 50 [lpm] |
| * Max. input temperature | : 30 [°C] |
| - Gas circuits characteristics | |
| * Gas type | : Hydrogen, Nitrogen or Argon |
| * Max. pressure during heating | : 2000 [mbars abs.] |

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POWER SUPPLY

- Supply voltage : 400 [V]
- Total installed power : 40 [kVA]

WEIGHT & DIMENSIONS

- Machine floor space : 2150 x 1400 [mm]
- Machine height : 2500 [mm]

EQUIPMENT

- CNC : SCHNEIDER M340
- Vertical cylindrical chamber
- One heating unit
- One mechanical pump and one turbo pump
- One fan cooling system