

## ECM FVS 3.2 SE

**Kind : Oven - Furnace**  
**Manufacturer : ECM**  
**Model : FVS 3.2 SE**  
**Year : 2019**  
**Serial : 232655-500**  
**Stock : P2449**



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