



## Manual Desktop Injection Molding Machine (Sample Preparation Device for Laboratory Instruments)

### Description

- **It is used for sample preparation of tests like Izod, Chapry, Tensile, Creep , Vicat, .....**
- Injection volume: 16cm<sup>3</sup>
- Operating temperature: up to 350 °C
- Power: 400W- 220V
- Easy mold change
- Assembled machine dimensions: 160mm (L) x 540mm (W) x 410mm (H)
- Tunable head for easy filling of cylinder
- Production rate: 1 to 6 min/parts depending on the volume to be injected and the type of thermoplastic and modules used
- Piston diameter: 16mm
- Reservoir for granule material
- Adjustable height under nozzle: from 0 to 190 mm as standard (we can provide you with a taller column on request)
- Injection port diameter: 3 mm as standard (other diameters are on request)
- PID temperature controller
- Can be supplied with aluminum molds as per customer request
- Cleaning brush coming with machine
- Safety gloves included
- Molds can be supplied with materials of customer request such as Steel, aluminum, copper, dense wood
- Compatible with different polymer materials like PEDH, LDPE, PP, PLA, PS, PA, TPU, POM, ABS, PMMA