TEST SAMPLE PREPARATION

- Digital Temperature Control
- Digital Tool Heater
- Polymer Feeder Hopper
- Low Cost Tooling with Inserts available to all International Standards
- Automatic Nozzle-to-tool Locking Device. A Unique Design that intensifies the Locking Force as the Injection Pressure increases
- Cam-lock Tool Block with Special Bearings to accommodate the Increased Pressure
- Quick Change Cylinder, Nozzle & Die for using different materials or colours
- Audible and Visual alarms for Tool Locking

**New Model 2 Test Sample Injection Moulding Apparatus**
A low cost sample moulding machine, compact design for bench mounting with a very small foot print. A unique Cylinder/Die extraction system eliminates purging when changing from one colour or material to another.

Tooling

The machine can be supplied with a Basic Cam-operated Tool Block which can accept any number of low cost Tool Inserts machined to any shape that will fit within the Tool Block parameters of 175mm x 40mm x 12.7mm.

Tool Inserts to suit any International Standard, eg. ASTM, ISO, DIN, JIS, etc., can be supplied for Tensile Dumb bells, Colour Plaques, Impact Bars, etc.

**TECHNICAL SPECIFICATION**

- **Maximum Shot Size:** 48cm³
- **Maximum Air Line Pressure:** 140psi/9.6bars
- **Maximum Polymer Pressure:** 6,243psi/430bars
- **Maximum Sample Sizes:**
  - Length: 175mm
  - Width: 40mm
  - Thickness: 12.7mm

**ELECTRICAL SPECIFICATION**

- 220-240 volts @ 50Hz
- 110-120 volts @ 60 Hz