

# RAY-RAN

# POLYTEST

WORLD WIDE TESTING FOR QUALITY

## TEST SAMPLE PREPARATION



RR3400

- 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

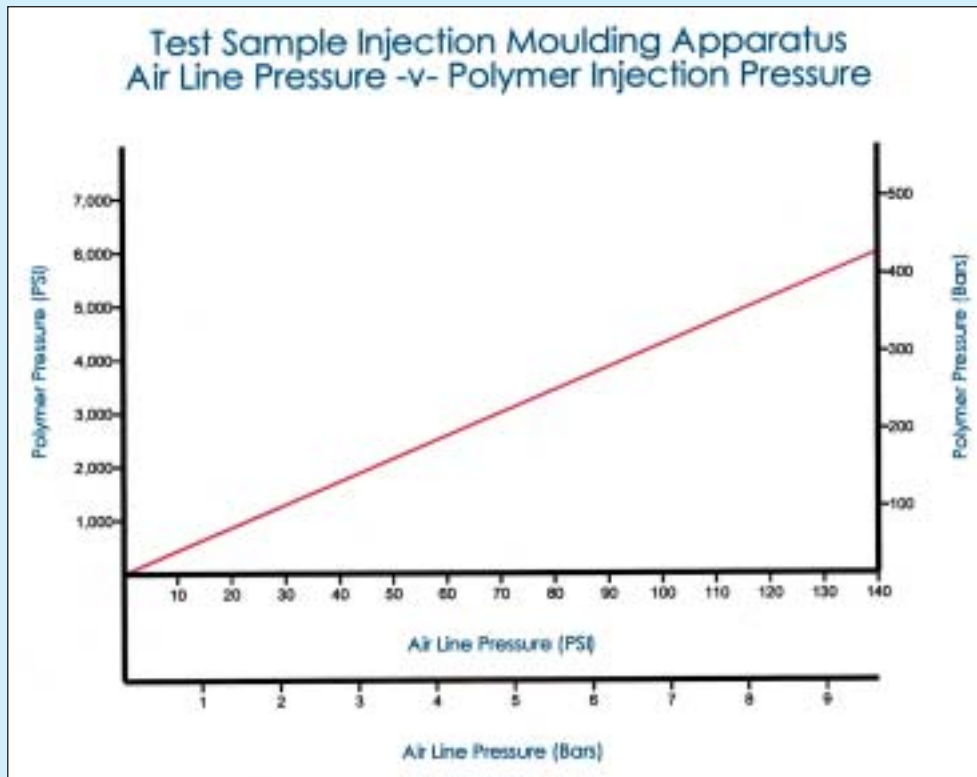
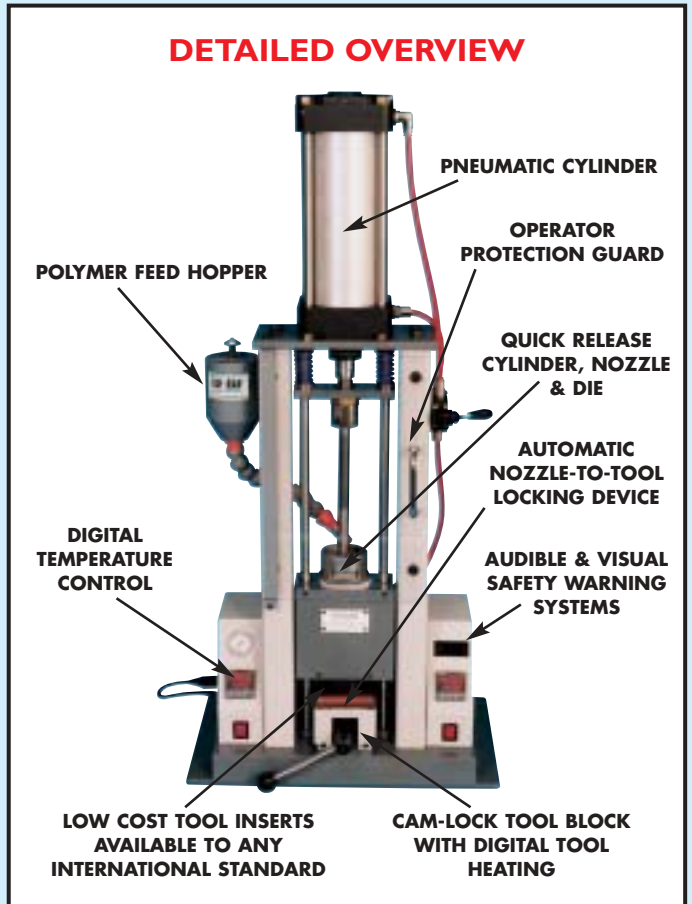
# RAY-RAN TEST SAMPLE INJECTION MOULDING APPARATUS

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:

48cm<sup>3</sup>

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



**TEST EQUIPMENT LTD**

**RAY-RAN TEST EQUIPMENT LTD**  
 KELSEY CLOSE, ATTLEBOROUGH FIELDS INDUSTRIAL ESTATE  
 NUNEATON, WARWICKSHIRE, CV11 6RS, ENGLAND  
 TELEPHONE: +44 (0)24 7634 2002  
 FAX: +44 (0)24 7664 1670  
 E-MAIL: polytest@ray-ran.com  
 WEB SITE: <http://www.ray-ran.com>