

# RAY-RAN

## ADVANCED HDT/VICAT SOFTENING POINT SYSTEM

Microprocessor Controlled Measurement

### NEW GENERATION OF HDT-VICAT INSTRUMENTS

AVAILABLE IN 2,4, & 6 STATION SYSTEMS

#### Two & Four Station Systems

Fundamentally identical machines except no. of stations & physical size. Incorporates microprocessor technology giving high quality test measurement

- Auto cooling system. Built in to main bath. Auto controlled from microprocessor
- LCD provides auto prompts for test procedures, calibration and test results
- Keypad data entry. All data entry via ergonomically simple keypad
- Fibre Stress. Choice of 0.45 - 1.8 - 8 MPa. Option for non standard fibre stress deflection/penetration
- Sample loading. Station easily raised and lowered manually & locked in position avoiding messy oil spills
- Test Loads. Vicat 1 & 5kg. HDT 'Binary system from 1-3119g
- Deflection/Penetration. Measured via Mitutoyo transducers accurate to 0-01 mm (0-0001) inches
- Circulation Pump. Unique 'Archimedian' screw pump ensures fast movement of oil for ultimate temperature control
- Safety device. Over temperature protection independant of machine control
- Nitrogen Blanket option available. Required for temperatures in excess of 250°C
- RS232 Output. Fitted as standard
- Optional extras. Hard copy printer. Windows based software
- Conforms to all International Standards



#### Six Station Systems

- Built-in Hard Copy Printer
- Data File capture via Windows based software
- Self Calibration via an intergrated system
- Motorised station lifter
- Tabular and Graphical results
- Auto cooling system