

# Automatic Compression Tester



This tester is hydraulic and motor type to test physical nature of specimen as like compressive strength, buckling and bending.



| Model                      | QRAC-S801                                | QRAC-S802                           | QRAC-S803                           | QRAC-S805                           |
|----------------------------|------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Max. Load Capacity (MN)    | 1                                        | 2                                   | 3                                   | 5                                   |
| Min. Load Capacity (N)     | 50                                       | 100                                 | 150                                 | 250                                 |
| Resolution                 | 1/20 000                                 |                                     |                                     |                                     |
| Accuracy                   | Within $\pm 0.5$ % of the indicated load |                                     |                                     |                                     |
| Operation Type             | Load control valve or servo valve        |                                     |                                     |                                     |
| Test Speed                 | 1 ~ 35 mm/min                            |                                     |                                     |                                     |
| Testing Speed Control      | Computer                                 |                                     |                                     |                                     |
| Load Sensor                | Pressure cell or computer                |                                     |                                     |                                     |
| Safety Device              | Over load limit switch                   |                                     |                                     |                                     |
| Plate to Plate (mm)        | 100 ~ 400                                |                                     |                                     |                                     |
| Plate Diameter (mm)        | 500 $\times$ 500                         |                                     |                                     |                                     |
| Ram Stroke (mm)            | 300                                      |                                     |                                     |                                     |
| Pump                       | Piston pump                              |                                     |                                     |                                     |
| Pump Motor (kW)            | 1.5                                      |                                     | 2.2                                 | 2.2                                 |
| Power                      | AC 220 V, 60 Hz                          |                                     |                                     |                                     |
| Power Output (kW)          | 2                                        |                                     | 3                                   | 5                                   |
| Load Dimension (mm)        | 1 000 $\times$ 900 $\times$ 1 750        | 1 035 $\times$ 1 000 $\times$ 1 965 | 1 550 $\times$ 1 420 $\times$ 2 000 | 1 650 $\times$ 1 500 $\times$ 2 200 |
| Measurement Dimension (mm) | 565 $\times$ 450 $\times$ 1 459          |                                     |                                     |                                     |
| Weight (kg)                | 1 800                                    | 2 600                               | 3 450                               | 5 100                               |