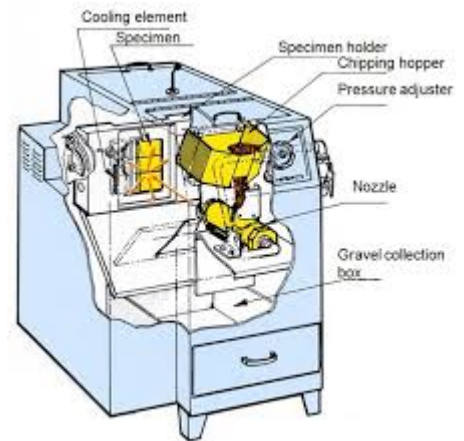




JA400LACE

(Gravel Chipping Test Instruments)





Outline

This instrument is used for testing is used for testing and evaluating the chipping resistance of surface coating and break tubes by gravel impact, conforming to JASO M104. It is possible to lower the temperature of the specimen (back side).

Performance

Specimen (back side) temperature: -30 - 50°C

Control accuracy: Temperature + 2°C

Gravel chipping amount: 850 + 10g/10sec

Blasting distance: 350+2mm

Set air pressure: 0.50 + 0.03MPa Specimen dimension, number, angle: 100(W) x 200(H) x (T1-5) MM, 1 PIECE [TEST AREA: 85(W)x145(H)mm], 0-70° variable from perpendicular.

Construction

External dimensions: Approx. 780(W) x 995(D) x 1129(H)mm [1313(H) mm when the top lid is opened]

Operating weight: Approx. 170kg

Nozzle: Air outlet: Ø6.8mm, blast outlet: Ø52

Air pressure regulator unit: pressure regulator, pressure, pressure gauge, air operated valve

Control panel: Temperature controller, switch (start, stop), main power source switch (with lockout mechanism)

Other: Specimen holder, gravel hopper, gravel tray, pressure resistance hose, top lid (top lid fall prevention device), specimen temperature control unit (electronic cooling element) , specimen angle fixing handle, air valve.

Safety Advice



Air cut-off (top lid opened), specimen temperature control unit stopped (decreased in cooling water flow rate) Power cut –off (power supply over-current, electric cover removed), restart protection in case of blackout.

Utility

Additional construction (not included in this contract): Power connection, air supply

Electric capacity: Single –phase 100 – 240V approx. 11A (50Hz/60Hz), ELB: 15A

Water pressure: 0.05 - 0.20MPa

Air pressure: 0.7 - 0.8MPa

Air volume: Approx. 600e/10sec

Installation place

23+5°C in temperature, 65+10rh in humidity

Warranty period

Two years from ex-factory (excluding spare parts)