

## RCP Fast Crack Propagation Testing Machine

### KASON RCP630



#### EXTENDED HOST

MODEL	KASON RCP630
Applicable test pipe diameter	Φ63mm ~ Φ630mm
Impact blade impact speed	5m/s ~ 20m/s (adjustable)
Maximum impact speed deviation	±1.0m/s
Test pressure control range	0 ~ 2.5MPa
Pressure display resolution	0.01MPa
Power supply	220VAC 50Hz 1.0kW
Operation language	Chinese and English Low temperature state adjustment box
Number of workstations	1 workstation
Pipe adaptation range	≤630mm
Temperature control range	0°C ~ -30°C
Display accuracy	0.1°C
Power supply	380-15% ~ 380+10%)VAC 50Hz 5kVA three-phase five-wire

#### APPLICATION

The testing machine is used to determine the rapid crack growth (RCP) resistance of thermoplastic pipe for fluid transportation under the small size steady state test (S4 test). Used to evaluate the performance of thermoplastic pipes for transporting gas or liquids (where air may be present).

Equipment composition: Rapid crack growth resistance test host, low temperature state adjustment box, sample transfer machine, pipe clamp system.

#### SAMPLE PICK-UP AND DELIVERY MOVING MACHINE

Control mode	touch screen display, PLC control
Number of workstations	1 station
Sample transmission	pneumatic and electric combination
Sample delivery displacement (automatic)	>3400mm
Air source pressure	<0.8Mpa (user-provided)
Power supply	(220-15%~220+10%) VAC 50Hz
Carbon steel fixture system	Φ32, Φ110, Φ140, Φ160, Φ180, Φ225, Φ250, Φ280, Φ315, Φ355, Φ400, Φ450, Φ500, Φ560, Φ630, one set each.