

# Valve Testing System



**CHRISTIE**  
 Bespoke Engineered Solutions  
 A Division of W. Christie (Industrial) Ltd

## for Cyclical Testing of Valves

The reliability and safety of valves out in the field is a major concern for manufacturers and operators across all industries including oil, gas, petrochemical, and water.

The testing of the cyclical opening and closing of valves is one way of helping to ensure that valve design and build is robust and up to the demanding environments in which they operate.

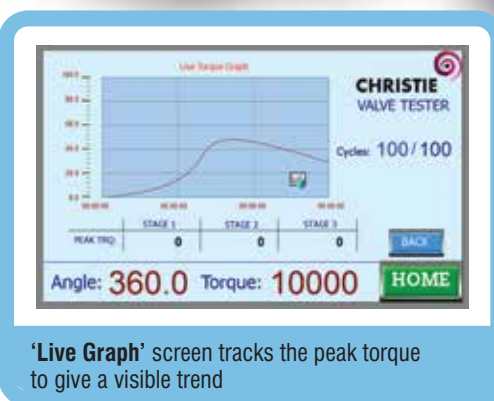
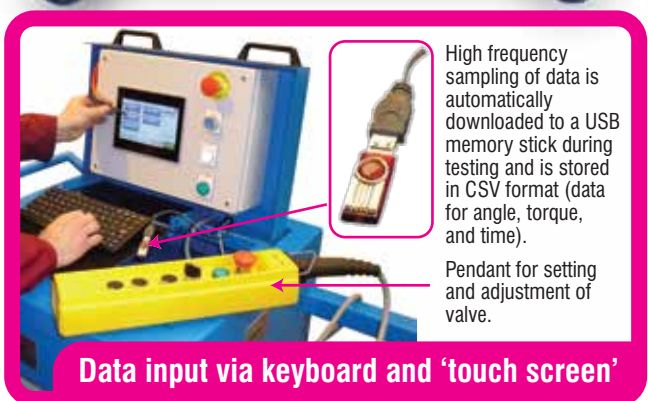
By measuring the torque and angle of a valve during the continuous action of the opening/-closing routine, and comparing this against known specification (pre-set by the operator), the effective performance may be determined.

The Christie Valve Testing System is a tried and tested solution for rigorously and critically assessing a valve in this way.



### Valve Testing System includes:

Control Cabinet, USB Memory Stick, Pendant, Electric Torque Multiplier and Gearbox, Drive Socket, and Valve Reaction.



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## Basic Operational Features

- 'Single' mode for valve pressurisation, open, and close
- Cycle testing mode for up to 999 open/close cycles
- Cycle status indicator:
  - operational (illuminates)
  - cycle interruption (flashes)
- Facility to set-up for different valve types and sizes which is stored for future use
- Operates on 110V, 240V or 415V (option at time of purchase)  
*(110V transformer not included)*
- Each valve reaction and accompanying socket would suit a range of valve sizes
- For valve sizes outside a particular range, additional torque multipliers, gearboxes, reactions and sockets are available for those sizes of valve

*Please note: W. Christie supply the valve testing system - we do not provide a testing service.*



System in use on site



When not in use the keyboard and display unit can be locked away.

## Christie Valve Reactions & Sockets



No statement or data within this literature is warranted or guaranteed to be accurate.

## Mobility & Storage



The unit can be easily moved around site and has a storage area for additional torque multipliers and gearbox units.

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