

## DATA ACQUISITION SOFTWARE

Hydrostatic Valve Test: Job Header

Dunn's Valve Testers, Inc.  
Spring, Texas USA  
281-350-4767

Technician logged in: **Joe Technician**

Job ID: **1102** Get New Edit Search Test Details

Test Date: **12/28/2015**

Customer: **XYZ XYZ Company**

Purch Order#: **345**

Performed by: **Joe Technician**

Witness: **Bob Witness**

Test parameters:

API: **6D**

ANSI class: **150**

Valve size: **3.0**

Notes: **good conditions**

Valve ID:

Manuf./model: **2345**

Tag: **4576**

Type: **7689**

End type: **2345**

Figure: **5678**

Serial#: **1234**

TestType	Time	Result
Closure B	4:53 AM	Pending
Closure A	5:39 PM	Pending
Shell	8:54 AM	Pending

Update Delete Cancel Output

### Brief History:

Dunn's Valve Testers Inc have been manufacturing Valve Testers since 1978. We strive to maintain that level of Durability Value and Technology well into the future.

Our Valve Testers provide a method to accurately and speedily test valves at a relatively low cost per unit and are designed with the test operator in mind.

### MODEL – Key Features

- *User friendly software was designed with sole purpose of helping the operator*
- *We can provide all the hardware required or use a client protected PC to comply with internal IT requirements*
- *Monitors safety relief tests for set and reseal pressures. The Relief Valve Tester uses Variable Reluctance Pressure Transducers to measure pressure and a Linear Variable Displacement Transducer (LVDT) to measure stem movement during the test.*
- *Monitors Air and Water hydrostatic Seat and Shell tests on Gate, Globe and Check valves. The Hydrostatic version uses only pressure transducers.*
- *The operator enters his name and the name of the file to which the test data will be stored.*
- *Once a test has been performed the operator can reply the existing data or overwrite with new data.*
- *The operator can select pertinent data points, mark and label data points.*

### BUILD SPECIFICATIONS

*The system is designed to capture, display and store data during a test. This system is designed around an eight channel Sensor Interface Board on a PC platform. The software serves the function of file management, calibrating and zeroing the transducers and capable of printing a final report.*

*Hardware Supplied:*

- *Pressure Transducers, LVDT, Digital Gauge*
- *8 channel sensor interface card for PC based data acquisition*
- *2 to 4 MB of RAM and 170MB of H.D. required*
- *Monitor, Keyboard, Printer (If supplied or client provided)*
- *Fully enclosed lockable cabinet (If supplied or client provided)*

*This Data Acquisition System can be used with any one of our test benches.*

- *Roll Frame; Control Valve; Vertical and Horizontal Press; Flange Tester*

**CONTACT** - Dunn's Valve Testers Inc.

**EMAIL** – sales@dunnvalvetesters.com

**Address** – 1827 Riley Fuzzel Road, Spring Texas. USA 77386

**Telephone** – 281 350-4767

# Dunn's Valve Testers Product Sheet – Data Acquisition Software

www.dunnvalvetesters.com

**NOTE:** Each unit is adapted and built to specific client requirements from these base models

**Optional Extras Available** – Up to 6 additional pressure transducer ranges with isolation valves to cutout the unused transducers, Temperature measurement, Color printer, Automated Ramp rate, Bar Code Reader.

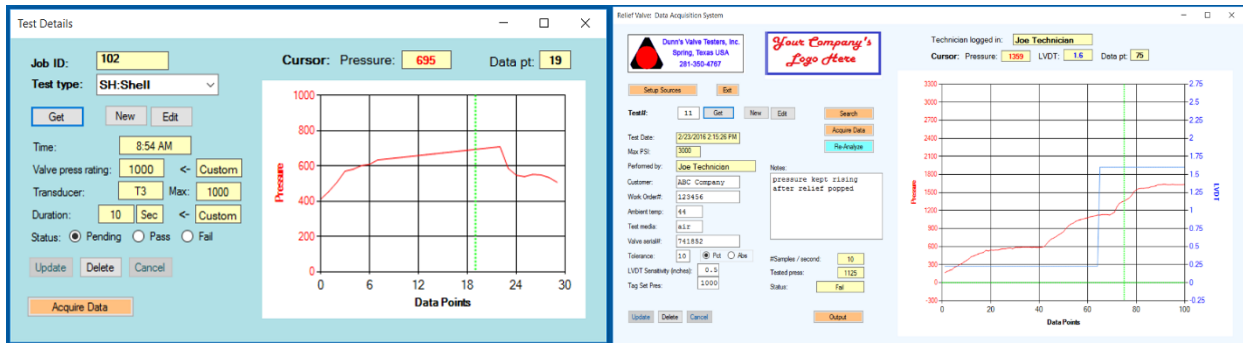
**Data Acquisition Module** – *will provide a report certificate that will be compliant with ISO 9000*

**Delivery** – *Approx. 2 to 4 work weeks*

**Start Time** - *based on payment terms being agreed and complete technical specifications.*

**Guarantee** – *All components for 12 months*

**DVT Range of Testers** – *Roll Frame; Control Valve; Vertical and Horizontal Press; Flange Tester; Portable Testers*



**CONTACT** - Dunn's Valve Testers Inc.

**EMAIL** – sales@dunnvalvetesters.com

**Address** – 1827 Riley Fuzzel Road, Spring Texas. USA 77386

**Telephone** – 281 350-4767