

DC DALEC CONTROLS INC

FULL SERVICE DISTRIBUTION

16140 South Vincennes Avenue, South Holland, IL 60473

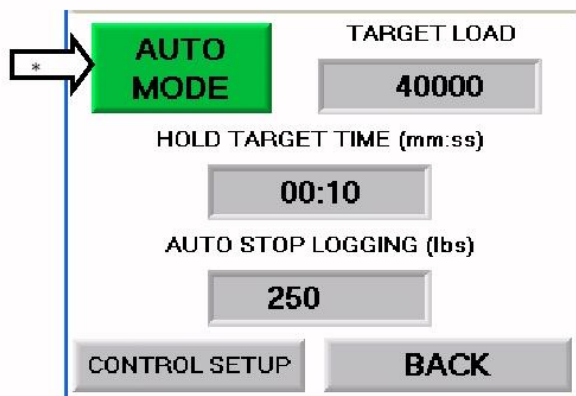
Phone: 847-671-7676 Fax: 847-671-7665 www.dalec.com sales@dalec.com

- DCI57SC 5.7" touch screen controller/monitor with single load cell input**
- DCI57SM 5.7" touch screen monitor only with single load cell input**
- DCI57DC 5.7" touch screen controller/monitor with dual load cell input**
- DCI57DM 5.7" touch screen monitor only with dual load cell input**

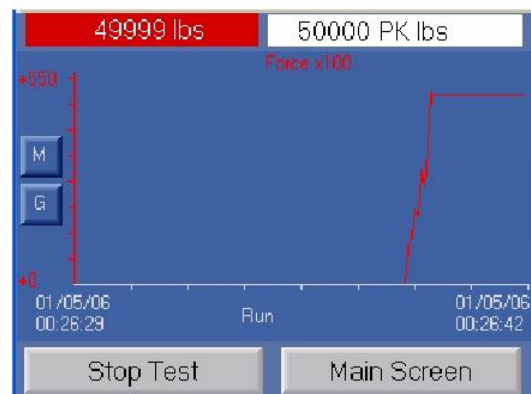
- Load cells: Depends on Model Number
- Resolution: 24 bit.
- Accepts a 12 point Calibration
- Filtering / Count By Settings
- Tare button: YES
- On/Off switch: YES
- Control type: On/Off
- Control devices: Solid State Relays (25 Amps)
- Configurable Control Options (Performance)
- Test certificate application: included
(Required: Excel 2010 & Ethernet Port on PC)
- PDF Certificate, CSV Data File
- Ethernet Connectivity
- Password Protection
- Sampling Rate: Auto-Selected(100per sec max)



This system allows the operator to run a test in auto control mode or manual mode. Data logging is performed within the touch screen controller and then transferred when the test is complete. This allows for faster sampling rates and data retransmission in an event of transmission errors. *Auto stop logging* stops the data logging at a predetermined low value as not to log unnecessary data. *Hold Target Time* tells the controller the duration of time that the load must be held, before pressure is released (Auto Mode).



Test Setup Screen – Auto Mode View



Graphing Screen – Test in Progress

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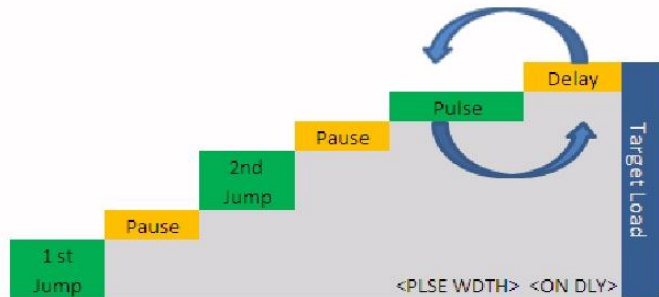
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1st Load Jump	TEST SETUP
75 %	
2nd Load Jump	Safe Load
75 %	500 lbs
Pause	Hystersis (Band)
2.0 Sec	100 lbs
Pulse Parameters	
ON Time Delay	Pulse Width
1.0 Sec	2.0 Sec

Control Setup Screen



Timing Diagram – PLC Control

Pictured above is the ON/OFF control scheme. The operator enters the first and second steps in percent of the target load and the pause in between in seconds (0.1 sec resolution).

Certificate of Testing	
YOUR COMPANY LOGO	
9335 Belmont Ave Franklin Park, IL 60131 Display Certifications	
Tel: 847-671-7676	Fax: 847-671-7665
Customer: Enter Data Here: Customer	Test Number: 1234
Enter Data Here: Address	Test Date: January 14, 2010
	Peak Load: 50,000
Part Number: Enter Data Here: PIN	Test Duration (Min): 3.0
Serial Number: Enter Data Here: SIN	Test Method: Proof = 2 X WLL
Sales Order Number: Enter Data Here: SON	WLL: Enter Data Here: 60000
Invoice Number: Enter Data Here: IV	
Size: Enter Data Here: Size	Description: Enter Data Here: Vertical
Length: Enter Data Here: Length	Splice Eye and Eye Sling
Enter Comments Here	
<input type="checkbox"/> Acceptable <input type="checkbox"/> Not Acceptable	Test Operator: _____ Enter Data Here: Operator

Operation

The system will energize relay 1 to allow the force to increase up to step 1 and pause. After the pause the system will energize relay 1 again until the system reaches step 2. Then the system will turn relay 1 on and off in short bursts until the target load is reached and will keep cycling relay 1 to hold the pressure at the target load until the hold target time is met. Finally the load is released, data is transferred and the appropriate files are created and saved.

Additional Options:

- RFID and Barcode readers
- Elongation - Data logged and Graphed vs. load)
- Audible Annunciator
- Custom Configurations
(Call 800-621-8276)