

OUR 34th YEAR

STEWART ERGONOMICS IS PROUD TO ANNOUNCE our
Improved DIGITAL SLAM DUNK® PATENT NO.6,935,163



OUTSTANDING FEATURES

- PRESSURE DECAY AND LEAK RATE PLUS OPTIONAL VACUUM TESTING
- HIGH PERFORMANCE---LOW COST---EASY TO OPERATE
- FAST TEST CYCLES---80 PROGRAM STORAGE---SEQUENTIAL TESTING
RS 232 COMUNICATIONS

Make Your Pressure Testing a SLAM DUNK®!
The Clean, Dry Leak Tester

SLAM DUNK® is a high performance control which is easy to master in minutes. Set up consists of following the prompts on the 80-character display and entering simple parameters by pressing the four control buttons. These buttons are password protected to prevent unauthorized changes. Test programs can be linked to run sequentially for parts requiring multiple tests. The test is started by manually or remotely activating the start button. A typical test consists of fill, snapshot, test and depressurize cycles. A bright red or green LED indicates results of the completed test with +24V sourcing outputs provided for PLC. RS232 communications is standard.

Typically a 50ccm tube can be tested @100p.s.i. for a 2.5 sccm leak in 8 sec. Pressure decay testers are available for use as low as .01p.s.i.or as high as 2500p.s.i.as well as vacuum testing to -14.5 p.s.i. Leak Rate testing is performed at .03 SCCM to 10.0 SCCM At pressures from .03 p.s.i. to 250 p.s.i.

SLAM DUNK® SPECIFICATIONS

24 bit A to D Converter senses pressure or vacuum to .00001 p.s.i.
Test Time: .1 to 250 seconds, 1 minute to 250 minutes.
Pressure Decay test resolution: .0001 to 25 p.s.i. for pressures of .01 to 2500 p.s.i.
Leak Rate testing from .03 SCCM to 30.0 SCCM at pressures from .03p.s.i. to 500 p.s.i.
Leak Master for Leak Rate calibration must be purchased separately.
Select pretest pressurization or pressurize at start of test.
Snapshot (settle time before sensing): 0 to 25 seconds in .1 sec increments
Slam test runs concurrently with regular test, reduces good test time 40-60%
Low air time check: .1 to 50 seconds. Minimum fill time check : .1 to 50 seconds.
Test program capacity: 80 test programs, all can link for sequential testing.
Good, bad counters for production statistics.
RS232 communication outputs real time test data and receives Start, Get/Change test program number and Clr/Get counters commands.
Optional ethernet connection to a LAN using TCP/IP or UDP/IP communications.
Optional RS422 & RS485 serial communications.
Auxiliary output signals end of good sequential test.
5-digit main password protection for changing test programs and parameters.
2 digit operator password for changing test program selection.
Test program parameters and p.s.i. sense output displays on 4X20 character display.
User friendly control panel to select, add, change test programs.
Operator presses large start switch to commence testing, GOOD, BAD L.E.D.s indicate test results.
Includes remote start and E-stop inputs, remote good, bad and test running +24V source outputs.
AC input power: 120VAC 50/60Hz, fused at ½ A.
Dimensions: 3”H X 19-1/4”W X 4-1/4” D. Material: Anodized alum, NEMA 12 Enclosure.
2-valve assembly for pressure only or 3-valve assembly for pressure/vacuum units.
Optional precision electronic air pressure regulator automatically sets up selected air pressure.
1 year warranty.
Calibration traceable to NIST.

132-2040 (.01 to 2 p.s.i. pressure)	132-2020 (.1 to 14.5 p.s.i. pressure)
132-2041 (.01 to 2 p.s.i. pressure and -.1 to -14.5 p.s.i. vacuum)	132-2021 (.1 to 14.5 p.s.i. pressure and -.1 to -14.5 p.s.i. vacuum)

132-2050 (5.0 to 150 p.s.i. pressure)	132-2080 (6 to 250 p.s.i. pressure)
132-2051 (5.0 to 150 p.s.i. pressure and -.1 to -14.5 p.s.i. vacuum)	132-2081 (6 to 250 p.s.i. pressure and -.1 to -14.5 p.s.i. vacuum)

132-2070 (15 to 500 p.s.i. pressure)	132-2090 (20 to 1000 p.s.i. pressure)
132-2071 (15 to 500 p.s.i. pressure and -.1 to -14.5 p.s.i. vacuum)	132-2091 (20 to 1000 p.s.i. pressure and -.1 to -14.5 p.s.i. vacuum)

132-2100 (50 to 2500 p.s.i. pressure)
**132-2101 (50 to 2500 p.s.i. pressure
and -.1 to -14.5 p.s.i. vacuum)**

NOTE: A .5 micron filter a mechanical air pressure regulator and a .01 micron coalescing filter are required and are purchased separately.

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