

SPECIFICATIONS

AGILITY™ CONTROL UNIT (ACU)

POWER REQUIREMENTS	24 VDC, 20 Watts
PROCESSOR	200 MHz ARM9 with MMU
I/O CONNECTION/INTERFACE	Plug connector with screw flange
OPERATOR INTERFACE TERMINAL (OIT) CONNECTION/INTERFACE	OIT Enclosure (Option S): 25 pin D-sub, Ethernet RJ45, Touch Screen Display (Option T): Ethernet RJ45
NETWORK COMMUNICATIONS	2 each 10/100 Ethernet Ports (for Touch Screen Display and PC)
DIGITAL INPUTS*	48 total, 24 VDC + Common, 500 V isolation
ANALOG INPUTS*	4, configurable to 0-5 or 0-10 vdc
DIGITAL OUTPUTS*	48 total, 24 VDC + Common, with Surge Suppression
ANALOG OUTPUTS*	4
PLC INTERFACE	Dedicated discrete inputs for remote test start. Dedicated analog and discrete outputs for system and test part status.
PHYSICAL DIMENSIONS	DIN Rail Mount (Option D): 11.5" W x 8.5" H x 6.5" D, NEMA 12 Enclosure (Option E): 20" W x 20" H x 8" D
NOTES: *The actual number of I/O points and ports available for use depends on the configuration options selected and software setup. See I/O list for more details.	

AGILITY™ OPERATOR INTERFACE TERMINAL (OIT)

POWER REQUIREMENTS	24 VDC, 5 Watts (Supplied via 25 pin cable from the ACU)
I/O AND POWER INTERFACE	25 pin D-sub connector (12' cable included)
TOUCH SCREEN DISPLAY	5.7" TFT Color, panel mounted
TOUCH SCREEN DISPLAY (TSD) INTERFACE	Ethernet RJ45 (12' cable included)
STATUS INDICATOR LIGHTS AND BUTTONS	Test Part: Pass, Fail; System: Ready, In Cycle, Fault, Start, Abort/Reset, Calibrate, E-stop
ENCLOSURE DIMENSIONS	15.75" W x 17.72" H x 5.91" D
ENCLOSURE MOUNTING	Standard hole pattern on back and bottom (see drawing for details)

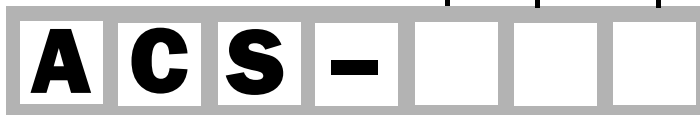
AGILITY™ SOFTWARE

PROCESSOR SOFTWARE MODULE	
LEAK TEST PROCESS CONTROL	Automated vacuum helium leak test
CONFIGURATION OPTIONS	Single or Dual test, Auto or manual tooling, Helium fill, Leak detector (ASI-20 / LLD-2000), Safety interlocks, Calibration methods, Multiple gross leak test functions, Helium reject modes, Test timers, limits, reject levels, Test initialization inputs
TEST RECIPES	8 unique recipes selectable via operator interface or PLC
PART TRACKING	Part number, Machine operator, Lot number (see Data Logging)
TEST STATISTICS	On-screen: test results, reject codes, cycle time, machine throughput
DATA LOGGING	Test data via Ethernet port (see Windows™ Module below)
GRAPHICAL USER INTERFACE	Test, Calibrate, Statistics, Manual, Setup, and Help screens
PASSWORD PROTECTION	User, Technician, and Configuration access levels
WINDOWS™ SOFTWARE MODULE	
PC SYSTEM REQUIREMENTS	Windows 98, 2000, XP, 4mb HD space, 10/100 Ethernet port
GRAPHICAL USER INTERFACE	Test, Calibrate, Statistics, Manual, Setup, and Help screens (same layout as operator interface touch screen display)
DATA LOGGING	.CSV File format, Time & date stamp, Machine operator, Part number, Lot number, Test value (leak rate), Reject / Accept
TEST RECIPES	Configuration file upload, download, and save

HOW TO ORDER

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SELECT SINGLE OR DUAL TEST OPTION 1 Configured for leak testing one part at a time OPTION 2 Configured for leak testing two parts independently. Requires additional hardware.	SELECT OPERATOR INTERFACE OPTION. OPTION S Standard Operator interface, mounted in an enclosure. Includes 12' controller Interface cable. OPTION T Color touchscreen display, unmounted OPTION N No operator interface display. Requires customer PC to setup and configure the system.	SELECT CONTROLLER MOUNTING OPTION. OPTION E Controller mounted in Nema 12 enclosure. OPTION D Controller mounted on DIN rail compatible bracket. For mounting in customer enclosure.

MODEL NUMBER



EXAMPLE: MODEL ACS-2SE,
DUAL TEST WITH STANDARD OPERATOR INTERFACE
AND CONTROLLER MOUNTED IN ENCLOSURE