



# SMART

Aircraft Pressure, Leak and  
Functional Testing Equipment



hydraulic,  
electromechanical,  
pneumatic

+

controls  
expertise

=

SMART  
solutions &  
VALUE

# When it comes to intelligent WAINBEE'S TESTER

## Pressure, Leak and Functional Test Units

- Multifunction units flush, pressure test and functionally test aircraft hydraulic circuits.
- Sturdy welded construction with stainless steel cabinet and reservoir
- Well-designed access panels simplify maintenance
- Large diameter gauges and digital displays of key performance parameters
- Each unit features high capacity filtration and a cooling system that allows continuous operation
- Available in regular and high-flow models.

### HE3 Single circuit unit

#### Partial Specifications

Max flows at peak pressure

Pressure line proof:

0.66 GPM @ 5,000 PSI (2.5 L/m @ 350 bar)

#### Functional slam test:

6.5, 15 or 24 GPM @ 4,000 PSI  
(24.6, 56.8 or 91 L/m @ 270 bar)

Nitrogen pre-test and purge: 500 PSI (35 bar)



**HE3**

### HE6 Double circuit unit

#### Partial Specifications

Motor sizes: 15 or 30 HP (11.2 or 22.4 kW)

Max Flows: 8.5 or 15 GPM @ 3,000 PSI

(32.2 to 56.8 L/m @ 210 bar)



**HE6**

### HE2 Triple circuit unit

#### Partial Specifications

Max flows at peak pressure

HE2: 15 HP (11.2 kW) motor

8.5 GPM @ 4,000 PSI (32.2 L/m @ 270 bar)

HE2M: 30 HP (22.4 kW) motor

15 GPM @ 4,000 PSI (56.8 L/m @ 270 bar)



**HE2**

Notes: Flow rates will be reduced by 17% when running on 50Hz electric power.  
Higher flows and pressures available. Call us with your requirements.

# ce and ease-of-use, S are at the top of the class

## Functional Test, Filtration and Compact Test Units



**HMA**

### HMA Series Functional Testing, Flushing, Pressure & Leak Testing for:

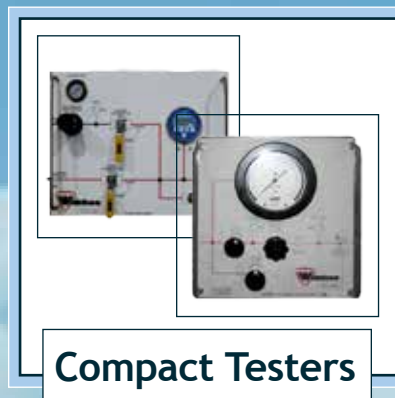
- Service centres (MRO)
- OEM's assembly plants
- FBO's
- Aerospace component OEM's



**Static Pressure Test Bench**

### Static Pressure Test Bench

- Used to test hoses and tubings prior to final assembly on the aircraft
- Pressure up to 10,000 PSI
- Flow up to 2.5 GPM
- Light on top
- Security locking devices
- Highly customizable dimensions to suit your unique application



**Compact Testers**

### Compact Testers

Different models of these units pressure test hydraulic circuits, fuel systems and bleed air systems using compressed nitrogen or shop air. Sturdy handles provide multiple mounting options and easy transport between workstations.

# Mobile pressure and leak testers designed exclusively to meet the needs of the aerospace industry

## Fluid Condition Monitoring

- Reports to NAS or ISO guidelines
- Mounted on return line based on SAE ARP5376B standards
- Data can be viewed from your PC via DB9 or USB connector in the control panel



## HE7 Hydraulic Circuit Filling Cart

Filling cart provides clean oil for production, testing and maintenance needs.

### Partial Specifications

2HP (1.49 kW) motor provides up to 7.5 GPM at 65 PSI.  
(28.4L/m at 4.5 bar)



## Customized Solutions

Wainbee has been providing hydraulic, pneumatic, electro-mechanical and control solutions to our aerospace customers since 1957. We help you to improve productivity by automating production and testing processes. Our customized aerospace solutions to many challenging applications are found throughout North America and beyond.



1-888-WAINBEE (924-6233)  
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