



OEM Equivalent:

OEM:
Model Number:
Part Number:
Manual:
Manual Figure:

This unit is manufactured to replace the OEM MN, PN, and/or manual figure listed in Form, Fit, and Function.

Units Tested:

Pneumatic Aircraft Flow Control Valves

Description:

The ASI-1003 Test Set is a portable device for testing the operation of pneumatic aircraft flow control valves.

The ASI-1003 meets the following requirements:

1. Provides controllable 28 vdc at 2 amps from a standard 120 vac 50/60 Hz outlet or a 28 vdc aircraft battery with an on/off switch.
2. 100-120 PSI regulated shop air to be used to operate flow control valves.
3. Provides controllable 18-20 PSI filtered air for the firewall and ambient air valve that can release air quickly.
4. Provides controllable 60-80 PSI filtered air to bleed air inlet.
5. Functionally test flow controls on the bench or installed in the aircraft.
6. 0-30 PSI pressure gauge for checking flow control regulator.
7. Three additional AN-4 caps for open lines.
8. Items connected to the control valve (ASI-10-03A/B/C/F) can operate the part on the bench or installed on the aircraft (8 foot hoses and control cable).

The ASI-1003 and accessories are housed in a light weight portable watertight/airtight resin case.

Equipment Supplied:

ASI MN	Description
ASI-10-03A	Air Hose: ASI-1003 to Bleed Air Inlet (8 Ft #6)
ASI-10-03B	Air Hose: ASI-1003 to Firewall/Ambient Air Valves (8ft #4)
ASI-10-03C	Air Hose: ASI-1003 to Flow Control Regulator (8ft #4)
ASI-10-03D	Power Cable: ASI-1003 to 115 VAC 50-60 Hz (6ft)
ASI-10-03E	Power Cable: ASI-1003 to 28 VDC Aircraft Battery (20ft)
ASI-10-03F	Control Cable: ASI-1003 to Flow Control Regulator (8ft)
AN919-12D	Reducer with O-Ring
AN929-4D	Pressure Seal Cap (Qty-3)
4414K38	Spare 40 Micron Filter (Qty-2)

Optional Equipment:

ASI MN	OEM PN	Description
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Specifications:

Height: 18.50" Width: 15.25" Depth: 6.875"
Power Requirements: 115 VAC 50-60 Hz or 28 VDC

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