

# > ADTS405F-113M9082

## GENERATOR, PRESSURE



### DESCRIPTION

The ADTS405F-113M9082 is a twin-channel Ps and Pt pressure control system used for the precision calibration/verification of aircraft pitot statics, compliant with RVSM (Reduced Vertical Separation Minima) requirements.

Fully programmable for a wide range of fixed or rotary wing aircraft operating envelopes, the ADTS enables vital flight instrumentation, such as altimeters, airspeed indicators, rate of climb indicators, Mach meters and air data computers to be accurately and rapidly tested.



### KEY FEATURES

- To operate on 90-260, Vac 50-400Hz, or 24-32 Vdc, -VE GROUND
- Power input leads 5m with European plug
- Unit to operate horizontal or vertical
- Case to be yellow
- To be supplied with lid mounted hand terminal and 6m lead (1 x OFF)
- Standard accessory bag for hoses and spares
- DC power lead 14ft, with EN2997 connector
- Temperature range:
  - operating: -20°C to +55°C
  - storage: -50° to +71°C
- Unit to be shipped with:
  - adaptor AN4 for hose 1D 6mm (1 x OFF)
  - adaptor AN6 for hose 1D 6mm (1 x OFF)
  - AN4 to 1/4 hose adaptor (1 x OFF)
  - AN6 to 1/4 hose adaptor (1 x OFF)

### SIZE

76.2 x 32 x 48 (cm)  
30 x 13 x 19 (in)



### WEIGHT

35 (kg)  
77 (lbs)



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### KEY FEATURES

MAX ALT	105,000 ft	35,000 ft
MIN ALT	-3,000 ft	-1000 ft
MAX CAS	850 Kts	250 Kts
MIN CAS	-100 Kts	0 Kts
MAX MACH	12.35 mach	1
MAX ROC	100,000 ft/min	3000 ft/min
MAX RATE CAS	2000 Kts/min	600Kts/min
MAX Ps	1355.00 mbar	1051 mbar
MIN Ps	3.0 mbar	230 mbar
MAX Qc	1,700 mbar	110 mbar
MIN Qc	-1,352.00 mbar	0 mbar
MAX RATE Ps	10,000 mbar/min	120 mbar/min
MAX RATE Qc	10,000 mbar/min	550 mbar/min
ARINC LIMITS	OFF	OFF
ALT CORRECTION	0	0 ft



### APPLICABILITY

EC225, AS332, EC155, SA360, AS365

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