



THERMO-ANEMOMETER DTA4000

MODEL: DTA4000
MANUAL DATALOGGER

SPECIFICATIONS:

Ranges:

Air Velocity: Probe APT275: 40 - 7800 FPM (0.2 to 40.00 MPS)
 Probe APT100: 60 - 6800 FPM (0.3 to 35.00 MPS)
 Temperature (using either air velocity/temp. probe head):
 -22° to 212°F (-30° to 100°C)
 Temperature (using separate temperature probe):
 -100° to 575.0°F (-100° to 300.0°C)

Accuracy:

Air Velocity: $\pm 1.0\%$ of Reading ± 1 digit
 Temperature: $\pm 0.2\%$ of Reading ± 1 digit

Resolution:

Air Velocity: 1 FPM or 0.01 MPS
 Temperature: 0.2°F or 0.1°C

Display:

0.5" LCD, 4 digits
 32° to 125°F (Instrument)

Operating Temp:

-22° to 212°F (Probe heads)

Power Supply:

9V alkaline battery (Eveready 522)

Battery Life:

Approximately 30 hours

Battery Check:

Automatic low battery display

Data Acquisition:

Stores up to 1000 readings (temp and air flow) with manual save

Data Link:

RS232C, at 1200 baud with CTS and RTS signals

Analog Outputs:

Two 0-2 VDC analog outputs

Dimensions:

Instrument: 7.5" X 3.5" X 1.6"

Probes: APT275 - 2.75" dia.; APT100: 1" dia.

Weight:

18 Ounces with probe

Optional:

- | | |
|--|-------------------------|
| i Separate temperature only probes | vi Printer |
| ii Air velocity probe PN APT100/APT275 | vii Timer |
| iii Extension rods PN 5001 | ix Battery Eliminator |
| iv DTA4000 extension cable PN 3831 | x Display software |
| v Ni-Cad battery and charger PN CG-3 | xi Flexible rods PN5002 |

Unit comes complete with:

- 1 pc. vane type probe head, your choice of APT275 or APT100
- 2 pcs. extension rod PN 5001 and 1 pc. with handle grip PN 5003
- 1 pc. flexible rod PN 5002
- 1 pc. 5' connecting cable PN 3830

note: cable attached to APT100 probe

- 1 RS232C adapter cable
- 1 Analog output cable
- 1 pc. 9V alkaline battery PN 3340
- 1 pc. carrying case PN 6001