

KYTOLA[®] Model DPA is an inclined tube manometer designed for use in applications where measurement of low pressure and differential pressure is needed or in monitoring applications where clear and reliable reading must be taken from a distance.

Its design makes the instrument ideal for applications involving occasional differential pressures exceeding the measuring range.

100

-0-

DPA-200P ρ = 0,78

200

300

500 -

DIFFERENTIAL PRESSURE METER DPA

• Clear and easy reading

Good contrast

Pa

urbala

- Zero adjustment screw
- Large filling liquid reservoir
- Provided with filling liquid, mounting screws, and instructions

ISO 9001 ISO 14001

FEATURES

Metering liquid does not blow out during momentary overloads

Due to the construction metering liquid does not evaporate during overloads

TYPICAL APPLICATIONS

- Air conditioning strainers
- Blowers and dust filters
- Pressurized enclosures
- Draught measurement in furnaces Laboratories

OPTIONS

Scales in other units than Pa

- Special scale markings and texts
- Customer logo

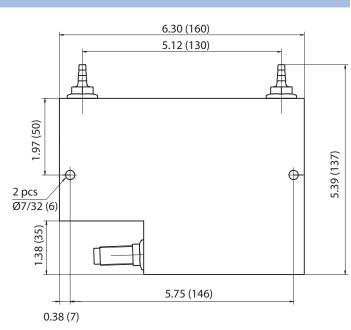
Hoses

DPA

TECHNICAL DATA

Model	DPA		
Weight (incl. liquid)	1.1 lbs (0.5 kg)		
Metering liquid	Red hydrocarbon mixture, $\rho = 0.78$		
Body	Acrylic (PMMA)		
Connectors	Polycarbonate (PC)		
Seals	Nitrile		
Max. overload	5 – 30 x measuring range (depends on the way of mounting)		
Max. static pressure	145 psi (10 bar)		
Ambient temperature	-40°F +122°F (-40°C +50°C)		
Accuracy	±5% F.S. of inclined range		
Connections	For 5/32"–7/32" (4–6 mm) I.D. hose		

			DPA-	
Inclined scale		Vertical scale		
psi	Ра	psi	Pa	
0-0.0145	0 - 100	0.0145 - 0.0580	100 - 400	100P
0-0.0290	0 - 200	0.0290 - 0.0725	200 - 500	200P
0-0.0435	0 - 300	0.0435 - 0.0725	300 - 500	300P
0-0.0725	0 – 500			500P



0.98 (25)

NOTE: Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.



Kytola Instruments Inc. 900 Old Roswell Lakes Parkway, Suite 120 Roswell, GA 30076, USA Tel: +1 678 701 3569 Fax: +1 514 448 5151 E-mail: flow@kytola.ca