



Specifications

Instrument Setup Recall	5 setups; last used setup displays on power-up
Environmental	
Operating Temperature	-10 °C to +50 °C
Storage Temperature	-20 °C to +60 °C
Battery Type	9 cell NiMH rechargeable; 3700 mAh @ 10.8V
Battery Life	Approx. 50 hours (only measurement or
(fully-charged)	with external pressure supply)
	125 pump cycles to 20 bar
	300 pump cycles to 10 bar
	1,000 pump cycles to 2 bar
Physical	
Dimensions	15.25" x 12: x 7" (387.4 x 304.8 x 177.8 mm)
Weight	15.5 lbs. (approx. 7 kg)
EMI/RFI Conformance	EN50082-1: 1992 and EN55022: 1994 Class B
Safety	EN/IEC 61010-1:2010 3rd Edition
	(Low Voltage Directive)
Connectors/Ports	1/8" NPT; BetaPort-P pressure module jack;
	power jack
Included Accessories	Reference manual, NIST-traceable calibration
	certificate, test leads and hose kit.
Ranges	
Pressure	-12 to 300.00 psi / -0.8 to 20 bar / -80 to 2000 kPa
mA	0 to 24.000 mA
Volts	0 to 30.000 VDC
Engineering Units	psi, bar, mbar, kPa, MPa, kgcm2,
	mmH2O @ 4°C, mmH2O @ 20°C,
	cmH2O @ 4°C, cmH2O @ 20°C,
	inH2O @ 4°C, inH2O @ 20°C, inH2O @ 60°F
	mmHg @ 0°C,
	inHg @ 0°C
Accuracy	
Pressure	6 months: ±0.025% of reading ±0.01% of full scal
	1 year: ±0.035% of reading ±0.01% of full scale
mA	$\pm 0.015\%$ of reading ± 0.002 mA
Volts	±0.015% of reading ±0.002V
Temperature Effect (all f	unctions)
No effect on accuracy	on all functions from 15°C to 35°C

DPC-300A

DPC-300A Dual System Pneumatic Calibrator Ordering Information	
Part Number	Description
1920022	DPC-300A Calibrator, including Reference Manual, NIST traceable calibration certificate, test leads, battery pack, universal charger/AC adapter and hose kit
1919872	LDT-500 Liquid Dirt Trap (optional), protects internal pump from contamination with process fluids
TBD	Kit, valve seal replacement
1010064	Kit, vernier repair
80438	AC Adapter/Charger, replacement
5454067	Filter, replacement





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Add ±0.002% F.S./°C for temps outside of 15°C to 35°C

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