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Model	FKS 1DP-PBM	FKS 1DP-PBM-E	FKT 3DP1A	FKT 2DP1A-C	FKT 1DP1A-SV
NIST Calibration Cert. with data	✓	✓	✓	✓	✓
Differential/Gauge pressure	✓ (1 transducer)	✓ (1 transducer)	✓ (1-3 transducers)	✓ (1-2 transducers)	✓ (1 transducer)
Absolute and atmospheric pressure			✓ (1 transducer)	✓ (1 transducer)	✓ (1 transducer)
Ambient pressure and temperature effect on velocity	✓ Ambient pressure and temperature set by user	✓ Ambient pressure and temperature set by user	✓ Automatic	✓ Automatic	✓ Automatic
Static pressure	✓ Gage	✓ Gage	✓ Gage or Absolute	✓ Gage or Absolute	✓ Gage or Absolute
Actual Velocity	✓ Manual density correction	✓ Manual density correction	✓	✓	✓
Standard Velocity	✓	✓	✓ with software	✓ with software	✓ with software
Temperature			✓	✓	✓
Relative Humidity			✓	✓	✓
Humidity ratio					✓
Density			✓	✓	✓
Volumetric Flow Rate	✓ built into meter		✓ with software	✓ with software	✓ built into meter
Mass Flow Rate	✓ built into meter		✓ with software	✓ with software	✓ built into meter
Auto-Zero without disconnection	✓ with built-in miniature valve		✓ with built-in miniature valve	✓ with built-in miniature valve	✓ with built-in miniature valve
Pressure overload protection	✓		✓	✓	✓
Hold function	✓	✓			
Turbulence indicator	✓	✓			
Hi and Low readings	✓	✓			
Averaging	✓ Automatically adjusted by meter	✓ Automatically adjusted by meter	✓	✓	✓
Data logging	✓ Built-in 10,000 reading memory. On-demand and unattended logging				
PC based logging and monitoring	✓	✓	✓	✓	✓
True measurement estimation for unsteady flows	✓				✓
Probe coefficient (K factor)	✓	✓	✓	✓	✓
Suitable for dirty air velocity probes	✓	✓	✓	✓	✓
Field Calibration			✓	✓	✓
Metric and imperial units	✓	✓	✓	✓	✓
Warranty	One year parts and labor.	One year parts and labor.	One year parts and labor.	One year parts and labor.	One year parts and labor.