

## Digiquartz Pressure & Barometric Standards Product Comparison (Model 745/765)

Features	Model				Remarks
	745	765	745-16B	765-16B	
<b>Performance</b>					
Accuracy	±0.008%	±0.008%	±0.08 hPa	±0.08 hPa	Model -16B barometric ranges have a 3-year 0.1 hPa/year stability warranty.
Resolution	0.0001%	0.0001%	0.0001%	0.0001%	
Ranges	Absolute Gauge	Absolute Gauge Differential	Barometric	Barometric	
<b>User and Remote Interfaces</b>					
Front Panel Menu System	✓	✓	✓	✓	
Front Panel Data Entry		✓		✓	Numerical values can be entered.
Front Panel Function Keys	Tare	✓	✓	✓	
	Units	✓	✓	✓	
	Hold	✓	✓	✓	
	Fast Key		✓		✓
2-Line Display	✓	✓	✓	✓	Model 765 display is backlit.
Front Panel Password Protection	✓	✓	✓	✓	
Battery Status LED Indicator		✓		✓	
Computer Interface	RS-232	RS-232/USB		RS-232/USB	
User-Defined Output Format		✓		✓	Via the computer interface

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<b>Pressure Functions</b>					
High/Low Alarm Points		✓		✓	
Avg. P, Trend, Scatter Functions		✓		✓	
Min –Max Pressure	✓	✓	✓	✓	
<b>Barometric Functions</b>					
Aviation Meteorology				✓	Altimeter Setting, Density and Pressure Attitude, Field and Station, Sea-Level Pressure
ICAO Q-Signals				✓	QNH, QFE
WMO Pressure Tendency Codes				✓	
<b>Internal Data Logger</b>				✓	Over 390,000 time-stamped data points
<b>Environmental</b>					
<b>Operating Temperature</b>	0°C to +40°C 32°F to +104°F	See SCD	0°C to +40°C 32°F to +104°F	-20°C to +50°C -4°F to +122°F	Model 745 is for laboratory, Model 765 for outdoor applications.
<b>Support &amp; Quality</b>					
ISO9001:2000	✓	✓	✓	✓	
NIST Traceable	✓	✓	✓	✓	
5-year transducer warranty	✓	✓	✓	✓	
Free recalibration	See note	See note	✓	✓	Within two years of shipment for pressure ranges less than 1000 psia.
Easy firmware upgrade		✓		✓	
<b>High Performance Pressure Port (DigiPort)</b>			✓	✓	DigiPort reduces wind-induced dynamic pressure errors.