

# ACE ESP Sensor Specs



	ACE Standard	ACE Mid Range	ACE Xtreme	ACE Extreme Dual
<b>Pressure Range</b>	0-3,000 psi & 0-5,000 psi	0-3,000 psi & 0-5,000 psi	0-6,000 psi, <b>0-8,000 psi</b> , <b>0-10,000 psi</b>	0-6,000 psi, <b>0-8,000 psi</b> , <b>0-10,000 psi</b>
<b>Pressure accuracy</b>	+/- 0.25% BFSL 1% FS	+/- 0.25% BFSL 1% FS	+/- 0.1% Typical 0.2% FS	+/- 0.1% Typical 0.2% FS
<b>Pressure resolution</b> <i>Depends on surface readout model</i>	0.01 psi – 1psi	0.01 psi – 1psi	0.01 psi – 1psi	0.01 psi – 1psi
<b>Intake temperature range</b>	0-125°C	0-150°C	<b>0-177°C</b>	<b>0-177°C</b>
<b>Motor winding temperature range</b>	0-316°C	0-316°C	<b>0-316°C</b>	<b>0-316°C</b>
<b>Vibration range</b>		0-10 G	0-10G	0-10G
<b>Diameter</b>	3.72"	3.72"	3.72"	3.94"
<b>Insulation Resistance range</b>	50 KOhms to 60 MOhms	50 KOhms to 60 MOhms	50 KOhms to 60 MOhms	50 KOhms to 60 MOhms

ACE Ultra has the same specs as ACE Xtreme with a thicker wall (3.94"OD) and is rated to **11,000 PSI**.

**Superior Digital transducer**

