


Milestones in Brüel & Kjær Accelerometer History

1943		Type 4301	World's first commercial piezoelectric accelerometer made from Rochelle salt crystals and developed by Dr. Per V. Brüel
1957		Type 4310	Brüel & Kjær's first lead zirconate titanate (PZT) accelerometer
1971		Type 8305	Brüel & Kjær's standard reference accelerometer based on an inverted, centre-mounted compression design with quartz crystal piezoelectric element, ensured a high degree of accuracy for calibration
1974		Type 4366	This all-titanium accelerometer was the first based on Brüel & Kjær's patented DELTASHEAR® design. Still in use today, the construction is regarded as one of the all-time, classic accelerometer constructions
1977		Type 4374	The first miniature accelerometer with a PlanarShear design - extending the frequency range of Brüel & Kjær Shear design
1985		Type 4390	World's first accelerometer with constant voltage line-drive (CVLD) built-in preamplifier
1985		Type 8317	Brüel & Kjær's first and highly reliable industrial DELTASHEAR® accelerometer suitable for permanent vibration monitoring in potentially explosive environments
1996		Types 4507 and 4508	World's first dedicated modal shear accelerometer family
1998		Type 4506	The world's first ORTHOSHEAR® triaxial accelerometer - one seismic mass for optimized noise floor and orthogonality
1999		Type 4507-B	Another world first - an accelerometer with integrated TEDS (Transducer Electronic Data Sheet)
2005		Type 4524-B	The first miniature triaxial accelerometer with integrated TEDS
2008		Type 4526	A THETASHEAR®, CCLD accelerometer for applications up to 180°C (356°F) – the highest temperature for an accelerometer with built-in preamplifier in the industry
2012		Type 8347-C	Wide temperature range (-321 to +900° F (-196 to +482°C)) industrial accelerometer with superior temperature transient performance from Shear design
		Type 4527	This universal CCLD triaxial accelerometer never sits still on the shelf, and has the widest temperature and dynamic range
			Brüel & Kjær becomes AS/EN9100 certified within the scope of development, production and service of customer-specific accelerometers

Pictures are not to scale

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