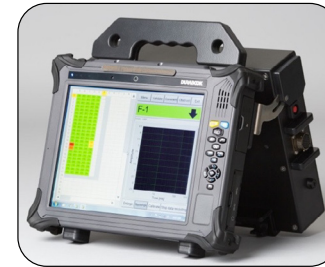


Pulsed Eddy Current Equipment Comparisons

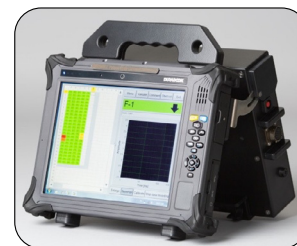
BonPEC vs Maxwell PECT vs LYFT



	BonPEC	Maxwell PECT	LYFT
Materials to inspect	Ferromagnetic materials like carbon steel and low-alloy steel		
Probes (Lift-off Range)	<p>All probes feature a field guard ring to shield from external structure e.g. supports and welds.</p> <p>PEC-P0-0-7: 0-7mm Max Lift Off Wall: 0mm Min:20mm</p> <p>PEC-10-0-20:0-20mm Max Lift Off Wall: 20mm Min:50mm</p> <p>PEC-P30-15-60: 15-60 mm Max Lift Off Wall: 50mm Min:65mm</p> <p>PEC-P50-25-100: 25-100 mm Max Lift Off Wall: 25mm Min:65mm</p> <p>PEC-100-50-150: 50-150mm Max Lift Off Wall: 25mm Min:65mm</p>	<p>P1 - Small: 0 - 20mm (0 - 0.8")</p> <p>P2 - Medium: 20 - 50mm (0.8 - 2")</p> <p>P3 - Large: 50 - 125mm (2 - 5")</p> <p>P4 - Extra-large: 125 - 250mm (5 -10")</p>	<p>025 – Small: 0 – 76mm (0 - 3")</p> <p>089 – Medium: 0 – 203mm (0 – 8")</p> <p>152 – Large: 0 – 305mm (0 – 12")</p>
Splash zone probes	No not yet	Yes	Yes
Underwater probes	No not yet	Yes, covered by titanium, with a depth rating up to 1000m.	Yes, only for up to 100m depth.
Tank floor probes	No not yet	Yes	Yes
Cables	Much lighter and less costly than Maxwell. Maxwell cable cost the same as a BonPEC probe. Cables 2.5 – 20 m length. 50m possible.	Thicker and heavier cables as it run higher current. Standard cable length is 8m (26ft). Cable length of up to 100m (328ft) can be provided. The standard kit comes with 2 cables.	Thinner and lighter because it runs less current. It has been reported that Eddyfi cables do not withstand "tight bending" (i.e. they are fragile / they break) Cables up to 50ft can be provided.

Pulsed Eddy Current Equipment Comparisons

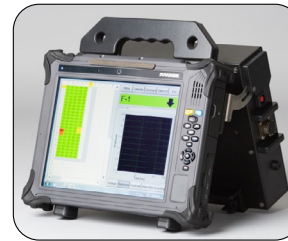
BonPEC vs Maxwell PECT vs LYFT



	BonPEC	Maxwell PECT	LYFT
Software	Simple, very user friendly, quick generation of field reports. PC-based software for offline data verification and reporting. Reports can be customised.	Simple, very user friendly, quick generation of field reports (PDF and/or excel). PC-based software for offline data verification and reporting. Reports can be customised.	Good looking software, with some variable features that won't change the results, too many buttons and options can become complicated.
Grid mapping mode	Yes	Yes	Yes
Dynamic mode	Yes	No.	Yes . But only useful with low lift-off (less than 1.5-2"), with higher lift-off the grid mode becomes as fast as the "dynamic mode". Also not useful when there is galvanised sheeting and chicken wire.
External encoder	No	Yes	Yes
Extension pole	Special order	Yes	Yes
Crawler/Probe array - NEW	No, but send spec for customer solution. Will require new hardware.	Yes	Yes
Environment	Meets IP65. Operating Temperature: -150°C to 500 °C	Meets IP65. Operating temperature: 0 - 40°C.	Designed for IP65. Operating temperature: 0 - 40°C.
Instrument Storage	10.1" Rugged Tablet 128 GB SSD 11.6" Rugged Tablet 256 GB SSD 14" Rugged Laptop 256 GB SSD	250GB SSD.	100GB SSD.
Instrument Weight	10.1" Rugged Tablet 3.0 kg 11.6" Rugged Tablet 2.8 kg 14" Rugged Laptop 3.3kg	5.8kg	6.6kg

Pulsed Eddy Current Equipment Comparisons

BonPEC vs Maxwell PECT vs LYFT



	BonPEC	Maxwell PECT	LYFT
Instrument Size	10.1" Rugged Tablet 270*200*95mm 11.6" Rugged Tablet 317*215*95mm 14" Rugged Laptop 350*293*39mm	330 x 260 x 150mm	355 x 288 x 127mm
Batteries	Battery in PC (Hot swappable) and Instrument both Li-Ion. 10.1" Rugged Tablet 8 hrs 11.6" Rugged Tablet 10hrs 14" Rugged Laptop up to 30 hrs	Two batteries types: two Li-ion for the data acquisition computer and one 24V NiMH heavy-duty battery for pulse generation. Typical battery life: 8 hrs. Batteries are hot-swappable.	Two Li-ion rechargeable batteries for PC and pulse generation. Typical battery life: 6-8 hours.
Annual Licence Fee	None	NO SOFTWARE LICENCE No annual fee, software updates can be downloaded at no extra cost for the first 12 months of ownership. An optional annual "Online calibration check".	There is an annual licence fee (£15,000) for update download (includes calibration?)
Warranty	12 months plus optional ETHERCover	12 -months warranty	Unknown