

Robust tool for quantifying & qualifying the consistency of electron beams

Quick go/no-go 'traffic light' decision making tool

Determines actual beam focus settings irrespective of operator perception

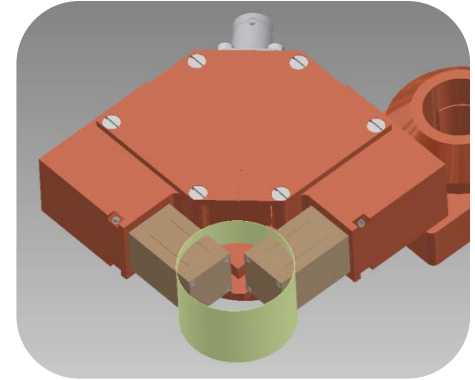
Accumulates long term process QA data



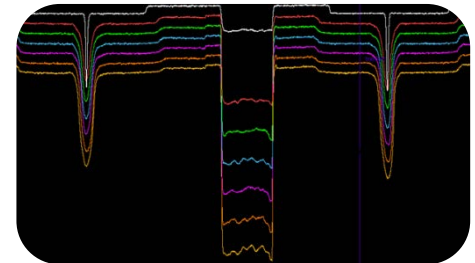
5 EB welds  
in a turbine drum



EB welding in action



BeamAssure Mk3.1  
transducer head



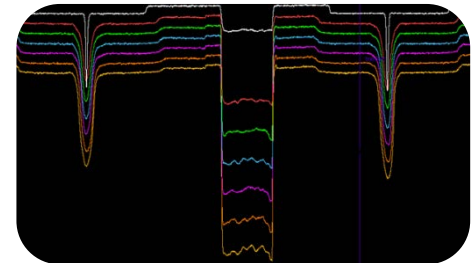
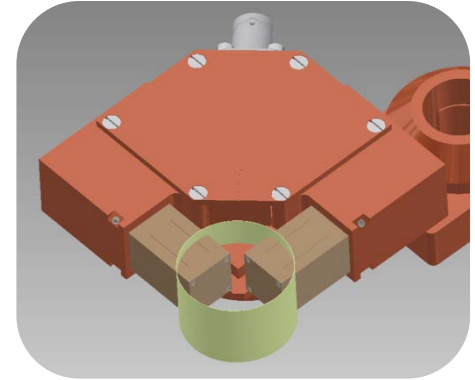
Data for different  
beam powers

Not intrusive to welding

Low & high power  
beams measured

Installation, training,  
support & warranty

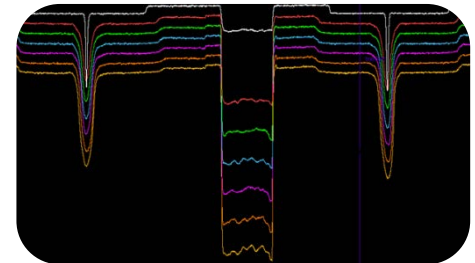
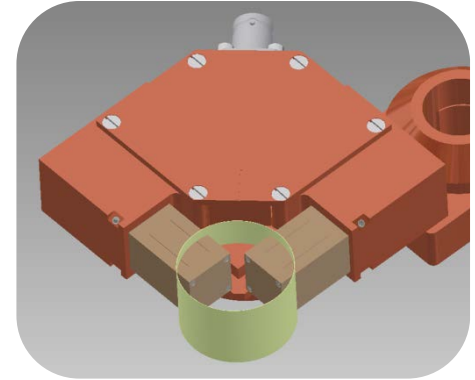
Standalone or welding  
m/c control integrated



Production and R&D use on  
3 Continents

Proven durability – serial  
aero engine production  
since 2011 - no issues

“BeamAssure has resulted  
in a step change in the  
understanding of EB  
welding” at a prime UK  
manufacturing site in 2016

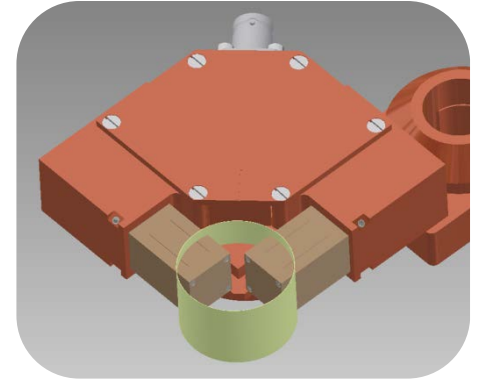


# Only available from TWI



[www.beamassure.com](http://www.beamassure.com)

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