



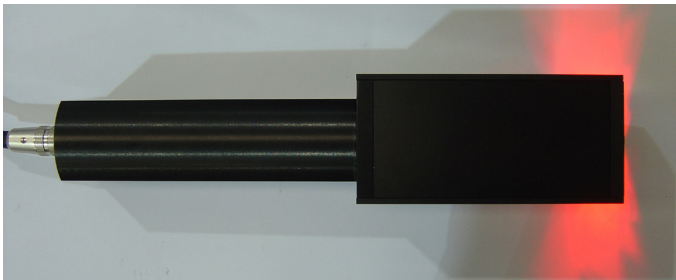
Blade Edge Profile Inspection System

A523

Blade Edge Profile Inspection System

Fan blade edge condition is a significant factor in the thrust performance of an engine. Bought to you by Torus, the A523 Edge Profile Inspection System is a low cost optical instrument designed for the visual inspection of the leading and trailing edges of turbine edge fan.

The system comprises of a CCD camera contained in a hand held aluminum housing that is manually transversed along the edge of the blade, a hardened steel location and roller support ensure that the camera accurately follows the contour of the aerofoil, which is illuminated by an array of light emitting diodes (LEDs) arranged around the location vee.



The profile is viewed on a 10.4" TFT high resolution monitor housed in a protective case, which additionally incorporates a convenient storage tray for the hand module when not in use.

The system is designed for use in a blade manufacturing and repair environment; however, being lightweight and portable the instrument may readily be utilized to inspect fan blades on the wing.

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

Benefits:

- Low-cost optical instrument
- Lightweight and portable and therefore may be utilized in other ways

Technical Specification:

Magnification	x 20
Field of View	10 mm
Sizes	Module: 300 x 400 x 60 mm Monitor Case: 435 x 310 x 300 mm
Power	100-240V / 50-60Hz
Weight	Data not available
Dimensions	(W) 365 mm x (H) 565 mm x (D) 350 mm

Ordering Information:

Article Number	Article Description
A523	Blade Edge Profile Inspection System

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