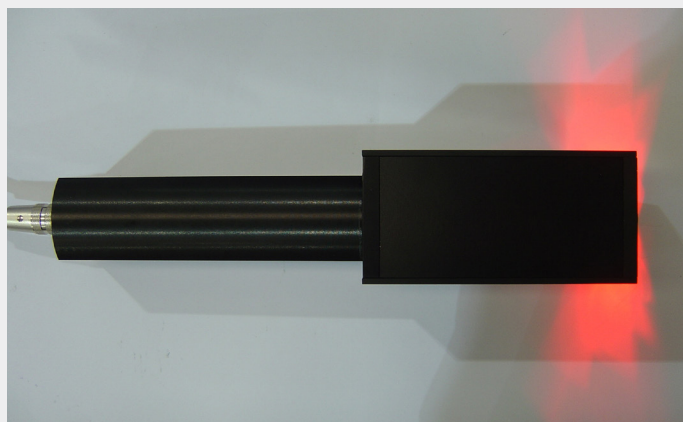


# A523 Blade Edge Profile Inspection System



Fan blade edge condition is a significant factor in the thrust performance of an engine. Torus' 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 aluminium 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 utilised to inspect fan blades on the wing.

## Technical Specification:

<b>Magnification</b>	x 20
<b>Field of View</b>	10 mm
<b>Sizes</b>	Module: 300 x 400 x 60 mm Monitor Case: 435 x 310 x 300 mm
<b>Services</b>	230 V 115 V 50 Hz 60 Hz

## Benefits to your business

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



### ELECTRICITY

110-230 Volts / 50-60 Hz



### WEIGHT

Data not available



### DIMENSIONS

(W) 365mm x (H) 565mm  
(D) 350mm

