

A new FBG device for dynamic monitoring

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A new FBG device for dynamic monitoring

TRICOM has completed Fiber Bragg Grating Dynamic Interrogator FBG-3000.

It

is the most advance high speed Interrogator for Fiber Bragg Grating sensing,

the only available Interrogator scan 8 channels at 320 Hz simultaneously.

With its Dual-core Power PC and high speed digital filtering technologies,

guarantees high resolution of 1 pm and repeatability of 2 pm.

Applications:

--risk and damage assessment for civil construction, bridges, road, and dams

in earthquake zone;

--down-hole and deep-sea oil platform riser monitoring;

--dynamic WIM on railway and highway.

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