

PRO-SPOT/A

Picture Perfect Measurements™

The Automated PRO-SPOT

PRO-SPOT/A is an enhanced, 2nd-generation stroboscopic target projector. Like the original PRO-SPOT, it excels at fast, accurate, non-contact 3D measurement of large, dark or shiny objects such as molds, master models, panels, antennas and other components. However, PRO-SPOT/A opens up new, exciting possibilities including completely automated, remote measurement.



New PRO-SPOT/A features include:

- Remote-control via V-STARS software so measurement from cranes and lifts is now possible
- Greater light output so it can measure larger areas and darker objects in a single setup
- A hand-held remote control and a stroboscopic modeling light for fast, easy, accurate focusing even in bright conditions

Surface measurement as easy as...



1...



2...



3.

Typical applications include:

Part inspection

In difficult conditions and with minimal production downtime
In-line 100% inspection of mass-produced parts

Antenna inspection

Complete antennas or individual panels

Automotive inspection and troubleshooting

Individual parts, body-in-white, rapid prototyping,
rapid in-line inspection

Shipbuilding fit-up and part inspection

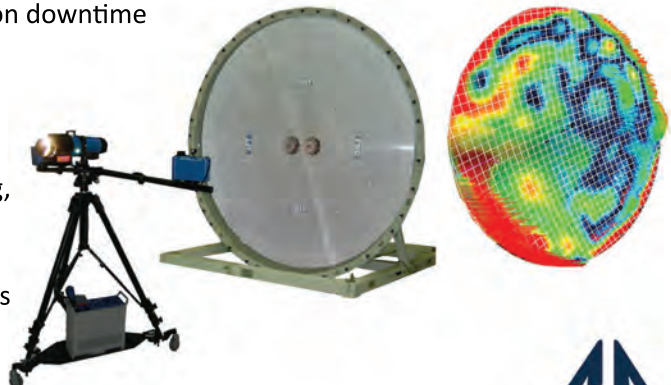
Rapid component verification, hull measurements

Heavy engineering

Component verification, part mating

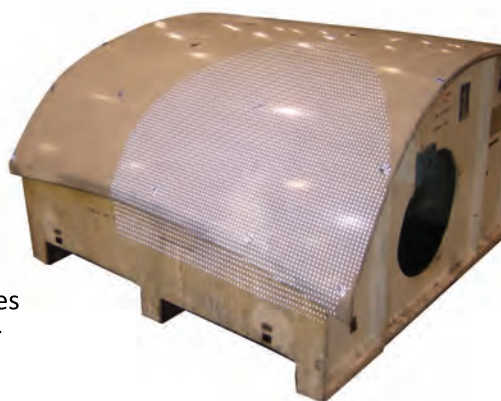
Wind energy

Blades, spars and molds, in-line measurement



PRO-SPOT/A

SYSTEM FEATURES...



High Accuracy

Accuracy depends strongly on surface quality. On high-quality surfaces accuracy is better than **10µm + 10µm/M** or 0.050mm@4M with our **Dynamo D12/INCA4** systems.



Non-contact Measurement

- No surface deformation, movement or damage
- No time or money spent on targeting
- No target thickness or probe offset to remove
- GSI's unique "Combo-Shot" mode means no spraying is needed even on shiny, high-contrast objects

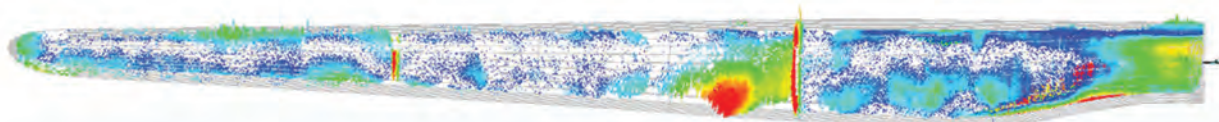


Versatile

- Portable (All equipment can be hand-carried or checked as airplane baggage)
- Variable point densities (up to 23,000 points per setup)
- Measures objects up to seven meters in diameter in a single setup
- Measurement volume practically unlimited using multiple setups
- Rugged system designed for in-place measurement in industrial environments (Temperature 0 - 40°C non-condensing)

Fast

- No warm-up time
- Fast, simple set-up and operation
- Instant acquisition, results in seconds



PRO-SPOT/A Features

- Universal power 110V/240 V
- Hand-held Infra-Red remote control unit for:
 - Focus – two speeds
 - Stroboscopic modeling light – two speeds
 - Turning aiming lasers on/off
 - Firing the projector
- Full power recharge rate of less than 6 seconds
- Power selection from 100% (Full) to 1%
- Remote operation by V-STARS via USB



For more information on **PRO-SPOT/A** or any other GSI product, please contact GSI or your local GSI distributor.

Your local distributor



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