

Hologram Recording Media Test System  
[Two beam interference Method]

# SHOT-500GP

Standard Holographic Optical Tester



## ■ System Outline

SHOT-500GP is an evaluation system that can record and playback page data with two beam interference method.

## ■ Features

- ◎ Compact, light-weight, and cost-effective system based on Pulstec's original optical technology.
- ◎ Angular multiplex recording method can achieve more than 50 multiplex recording.
- ◎ Possible to evaluate the sensitivity of holographic material with single hologram because the system is equipped with power meter.
- ◎ Simplified vibration isolator function.

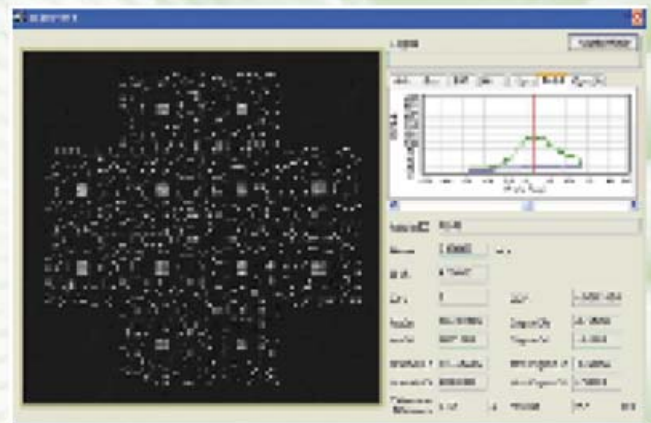
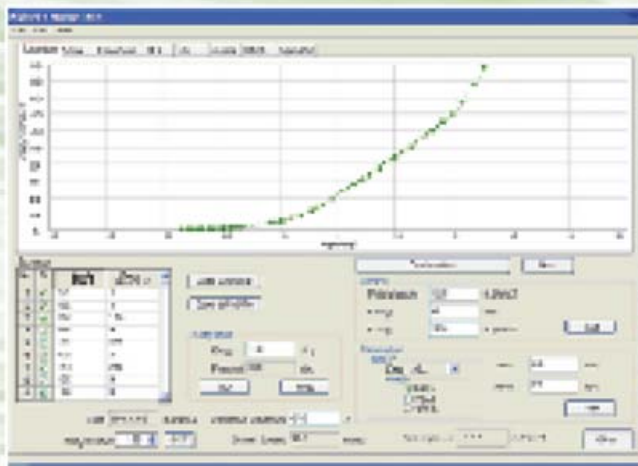
**● System Specification**

**SHOT-500GP Specification**

- Recording · Playback Laser ..... 532nm
- Detecting Element ..... CCD (Variable Shutter Speed), Power Meter
- Variable Angular Range..... ±27 degree (Resolution: 0.01 degree)
- Objective Sample ..... 50×50mm
- Laser Class ..... 2B
- Dimension ..... Mechanical Unit :680 (W) ×450 (D) ×385 (H)

**● Function**

- Single Hologram Recording · Playback Evaluation  
(Angle Margin, Variation Characteristic of Diffraction Efficiency)
- Multiplex Hologram Recording · Playback Evaluation  
(Possible to specify scheduling , SNR Error Rate Evaluation, etc.)
- Manual Recording · Playback Evaluation  
(Possible to evaluate at variable Angle and Recording Energy.)
- Others  
(Pre-exposing, Fixing)
- ※ Future Development : 405nm Violet Laser



※ Please be noted that this specs may change without prior notice.



Pulstec Industrial Co., Ltd

■ Head Office  
7000-35, Nakagawa, Hosoe-cho, Kita-ku,  
Hamamatsu, Shizuoka Pref.,  
431-1304 Japan  
TEL +81-53-522-3611  
FAX +81-53-522-3666

■ Europe Office  
Office 18, 12 Devon Place, Newport,  
South Wales, NP120 4NN, UK  
TEL +44-7867-972860

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