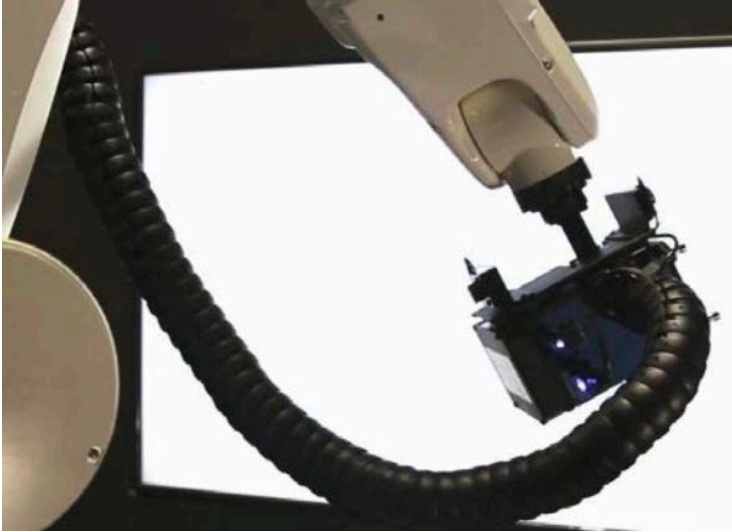


## GS-1290-DMS-RBT Robotic Goniometric Display Measurement System



The GS-1290-DMS-RBT series combine a 6-axis robot, our state-of-the-art GS-1290 spectroradiometer, and decades of software and integration expertise into an automated display measurement solution. The system delivers fast and accurate test and characterization information in a tried-and-true integrated platform.

Each system is fully customizable to meet your immediate needs, while also offering the flexibility to accommodate future display testing requirements. Robotic Display Measurement Systems allow you to replicate real-world applications by keeping the display stationary throughout the measurement process.

## Exceptional Sensitivity and Speed for Display Characterization

### Key Features

- Compatible with curved, flat, 2D or 3D displays
- Flexible software platform for easy customization
- Integral pattern generator
- Self-alignment functionality with ultrasonic distance finder
- Spectroradiometer featuring back thinned CCD technology for highly accurate measurements of wavelength, color and power.

### Measurement Capabilities

- Brightness
- Contrast Ratio
- Color Uniformity
- Viewing Angle
- Goniometric Measurements
- Autostereoscopic Measurements
- Polarization Diagnostics

Original system calibration is performed in Gamma Scientific's NVLAP accredited laboratory (NVLAP Lab Code 200823-0) using NIST-traceable standards.

General Specifications	
Angular Repeatability	± 0.01 degrees
Angular Resolution	0.002 degrees
Range of Motion	± 90 degrees
Reach	Up to 1.3 meters
Maximum Measurement Speed	Approximately 1 per second
Computer Control	USB, RS-232, Ethernet
Software	Light Touch™ DMS and RadOMAcam Standard Windows-based user interface
Power Requirements	220 VAC, 3-phase
Spectroradiometer	GS-1290-3 360 to 950 nm 10 nm slit setting

Specifications are subject to change without notice.

