

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

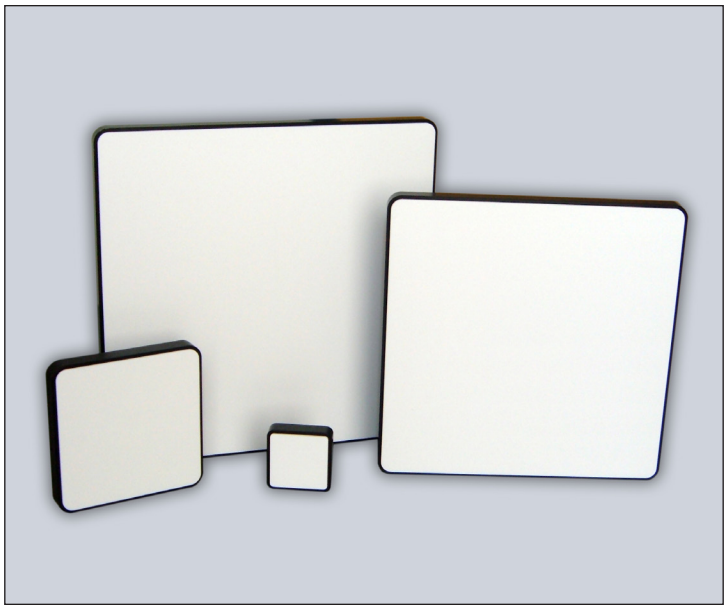
Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Labsphere SRT-99-120* at our website: ***Click HERE***

Spectralon® Diffuse Reflectance Targets

Durable reflectance panels for laboratory and field applications under harsh conditions



VALUE

Durable and washable

Various reflectance values available

Impervious to harsh environments

Thermally and chemically stable

APPLICATIONS

Backlight illuminators

Environmental test targets

Laser targets

Optical reflectors

Remote sensing targets

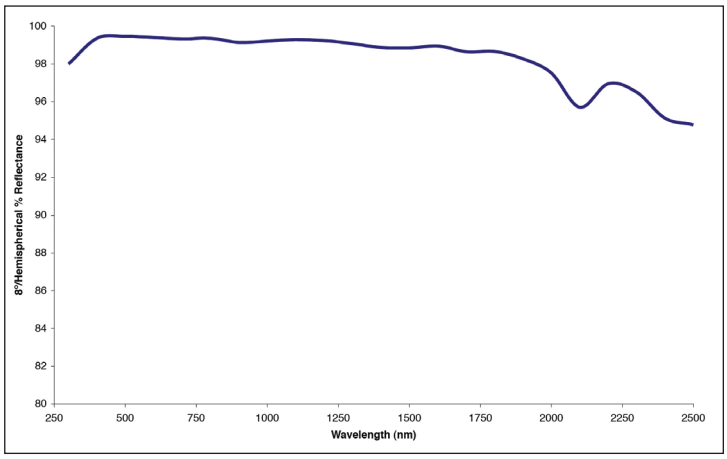
Proximity sensors

Light/sensor compensation

Durable

Spectralon targets are ideal for laboratory, production and field applications that require long exposure to harsh environmental conditions. Because of the diffuse reflectance properties of Spectralon®, these targets maintain a constant contrast over a wide range of lighting conditions.

Spectralon targets are available in plates up to 24 x 24 inch white or gray material, mounted in a rugged anodized aluminum frame. Calibration data from 250 to 2500 nm, every 50 nm is supplied with the targets and is traceable to the National Institute of Standards and Technology (NIST). All targets are thermally and chemically stable and easily cleaned. Custom targets of various reflectance values are also available up to 3 m x 3 m.



Typical 8° Hemispherical Reflectance SRM-990

TABLE 1:
Corrected Reflectance Values for 99% Spectralon Targets

Wavelength Range (nm)	8°/Hemispherical Spectral Reflectance Values
250	0.900
300	0.925
350	0.975 - 0.995
500 - 700	0.985 - 0.995
750 - 1600	0.975 - 0.995
1650 - 2500	0.925

TABLE 2:
Acceptable 8°/Hemispherical Corrected Reflectance Factors for Gray Spectralon Targets

Nominal Reflectance	Tolerance at 600 nm	Flatness Range over 350 - 760 nm
2 - 5%	± 2%	± 4%
6 - 19%	± 3%	± 5%
20 - 95%	± 5%	± 5%.

Labsphere, Inc. • 231 Shaker St. • North Sutton, NH 03260 • USA • Tel: +1 (603) 927-4266 • www.labsphere.com
PB-13025-000 Rev.00
© 2015 Labsphere, Inc. All rights reserved.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Specifications

Refer to Tables 1 & 2 for Tolerances

Model Number	Part Number	Nominal Reflectance Value	Reflective Area (inches)	Size Mounted (L x W x H inches)
SRT-02-020	AA-00823-900	2%	2 x 2	2.25 x 2.25 x 0.66
SRT-02-050	AA-00821-900	2%	5 x 5	5.25 x 5.25 x 0.66
SRT-02-100	AA-00822-900	2%	10 x 10	10.25 x 10.25 x 0.66
SRT-02-120	AA-00827-900	2%	12 x 12	12.25 x 12.25 x 0.66
SRT-02-180	AA-00826-900	2%	18 x 18	18.25 x 18.25 x 0.66
SRT-02-240	AA-00837-900	2%	24 x 24	24.25 x 24.25 x 0.66
SRT-05-020	AA-00823-800	5%	2 x 2	2.25 x 2.25 x 0.66
SRT-05-050	AA-00821-800	5%	5 x 5	5.25 x 5.25 x 0.66
SRT-05-100	AA-00822-800	5%	10 x 10	10.25 x 10.25 x 0.66
SRT-10-020	AA-00823-700	10%	2 x 2	2.25 x 2.25 x 0.66
SRT-10-050	AA-00821-700	10%	5 x 5	5.25 x 5.25 x 0.66
SRT-10-100	AA-00822-700	10%	10 x 10	10.25 x 10.25 x 0.66
SRT-20-020	AA-00823-600	20%	2 x 2	2.25 x 2.25 x 0.66
SRT-20-050	AA-00821-600	20%	5 x 5	5.25 x 5.25 x 0.66
SRT-20-100	AA-00822-600	20%	10 x 10	10.25 x 10.25 x 0.66
SRT-40-020	AA-00823-500	40%	2 x 2	2.25 x 2.25 x 0.66
SRT-40-050	AA-00821-500	40%	5 x 5	5.25 x 5.25 x 0.66
SRT-40-100	AA-00822-500	40%	10 x 10	10.25 x 10.25 x 0.66
SRT-50-020	AA-00823-400	50%	2 x 2	2.25 x 2.25 x 0.66
SRT-50-050	AA-00821-400	50%	5 x 5	5.25 x 5.25 x 0.66
SRT-50-100	AA-00822-400	50%	10 x 10	10.25 x 10.25 x 0.66
SRT-50-120	AA-00827-400	50%	12 x 12	12.25 x 12.25 x 0.66
SRT-50-180	AA-00826-400	50%	18 x 18	18.25 x 18.25 x 0.66
SRT-50-240	AA-00837-400	50%	24 x 24	24.25 x 24.25 x 0.66
SRT-60-020	AA-00823-300	60%	2 x 2	2.25 x 2.25 x 0.66
SRT-60-050	AA-00821-300	60%	5 x 5	5.25 x 5.25 x 0.66
SRT-60-100	AA-00822-300	60%	10 x 10	10.25 x 10.25 x 0.66
SRT-75-020	AA-00823-200	75%	2 x 2	2.25 x 2.25 x 0.66
SRT-75-050	AA-00821-200	75%	5 x 5	5.25 x 5.25 x 0.66
SRT-75-100	AA-00822-200	75%	10 x 10	10.25 x 10.25 x 0.66
SRT-75-120	AA-00827-200	75%	12 x 12	12.25 x 12.25 x 0.66
SRT-75-180	AA-00826-200	75%	18 x 18	18.25 x 18.25 x 0.66
SRT-75-240	AA-00837-200	75%	24 x 24	24.25 x 24.25 x 0.66
SRT-80-020	AA-00823-100	80%	2 x 2	2.25 x 2.25 x 0.66
SRT-80-050	AA-00821-100	80%	5 x 5	5.25 x 5.25 x 0.66
SRT-80-100	AA-00822-100	80%	10 x 10	10.25 x 10.25 x 0.66
SRT-99-020	AA-00823-000	99%	2 x 2	2.25 x 2.25 x 0.66
SRT-99-050	AA-00821-000	99%	5 x 5	5.25 x 5.25 x 0.66
SRT-99-100	AA-00822-000	99%	10 x 10	10.25 x 10.25 x 0.66
SRT-99-120	AA-00827-000	99%	12 x 12	12.25 x 12.25 x 0.66
SRT-99-180	AA-00826-000	99%	18 x 18	18.25 x 18.25 x 0.66
SRT-99-240	AA-00837-000	99%	24 x 24	24.25 x 24.25 x 0.66

© 2015 Labsphere, Inc. All rights reserved.
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP