



k-Space Associates, Inc.



RHEED Screens, Holders, & Beam Alignment Substrates

k-Space Offers the Highest Quality RHEED Screens Available!

kSA Screen Features

- P43 high-efficiency phosphor, 2-3µm grain size
- Aluminum back coat to remove stray light from inside chamber
- X-ray attenuating glass
- Full or partial coat to allow use of RHEED screen port as viewport
- Optional P48 (fast) phosphor
- Optional holder fits standard zero-profile viewports; sturdy stainless steel design
- Screens and holders in stock for immediate delivery

Part Numbers and Ordering Information

RHEED Screen with Glass

Full or Partial Coat

S (F/P) (size)

i.e. 90mm = SF-90

(New Screen, Full Coat, 90mm)

RHEED Screen Recoat

Full or Partial

SR (F/P) (size)

i.e. 90mm = SRP-90

(Screen Recoat, Partial Coat, 90mm)

RHEED Screen Holder

SH (size)

i.e. 90mm = SH-90

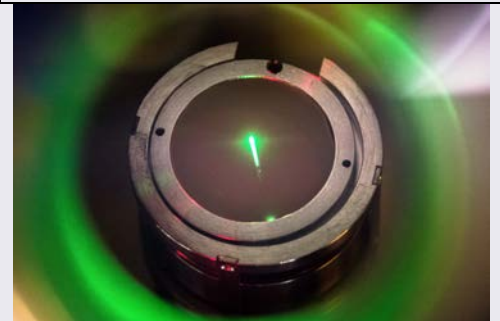
(Screen holder for 90mm screen)

Sizes (actual screen diameter)

- **90mm** Standard kSA / Staib 6" OD CF Flange
- **100mm** Compatible with VG /EPI/Veeco/Riber 6" OD CF Flange
- **135mm** Standard kSA / Staib 8" OD CF Flange
- **144mm** Compatible with Thermionics 8" OD CF Flange
- Custom sizes available - contact kSA for details

RHEED Beam Alignment Substrates

k-Space also provides 1", 2", or 3" diameter Silicon substrates, coated with P43 phosphor and silicate treated for smear resistance. Fully UHV compatible.



Your partner in thin film metrology

k-Space Associates, Inc., is a leading supplier to the surface science and thin-film technology industries. Since 1992, we've delivered the most advanced thin-film metrology tools and software thanks to close collaboration with our worldwide customer base.