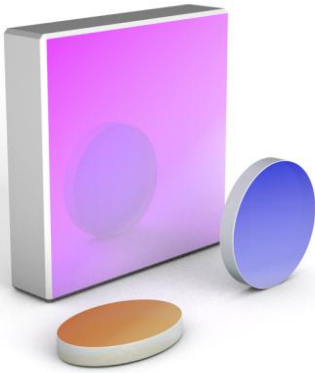


Optical Mirrors



- Substrate material from DUV to IR
- Custom dimensions and shapes
- Diameter from 5 to 300 mm
- Clear aperture: Central 90% of diameter
- Flatness: $\lambda/10@632.8\text{nm}$
- Surface quality: 10-5 S/D
- Parallelism: $<3'$
- Partial and high reflectivity optical mirrors are available upon custom request
- High laser damage threshold

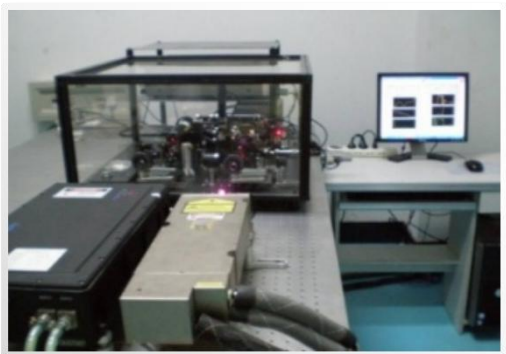
CASTECH offers a large comprehensive selection of optical mirrors for use with light in DUV to IR spectral region, ranging from laser line mirrors, board-band dielectric/metallic mirrors to ultrafast laser mirrors to provide ideal solutions for specialized applications especially at high laser power.

Featured Products

- Narrow Band Laser Line Mirrors
- Board-Band Dielectric/Metallic Mirrors
- Ultrafast Laser Mirrors (page 18&19)
- High Reflectivity Mirrors (page 20)
- High Laser Damage Threshold Mirrors (page 23)

Metrology

CASTECH employs a wide variety of metrology equipment to guarantee high reflectivity, including Cavity-Ring-Down Lossmeter, Agilent Cary-7000, Agilent Cary-6000i, Perkin Elmer Lambda-950 and Spectrum 100FTIR. Every coating batch is tested to promise high-performance reflectivity values. Surface absorption measurement by PCI is available as requested.



Bulk and surface absorption measurement by PCI
(355nm, 532nm, 1064nm)



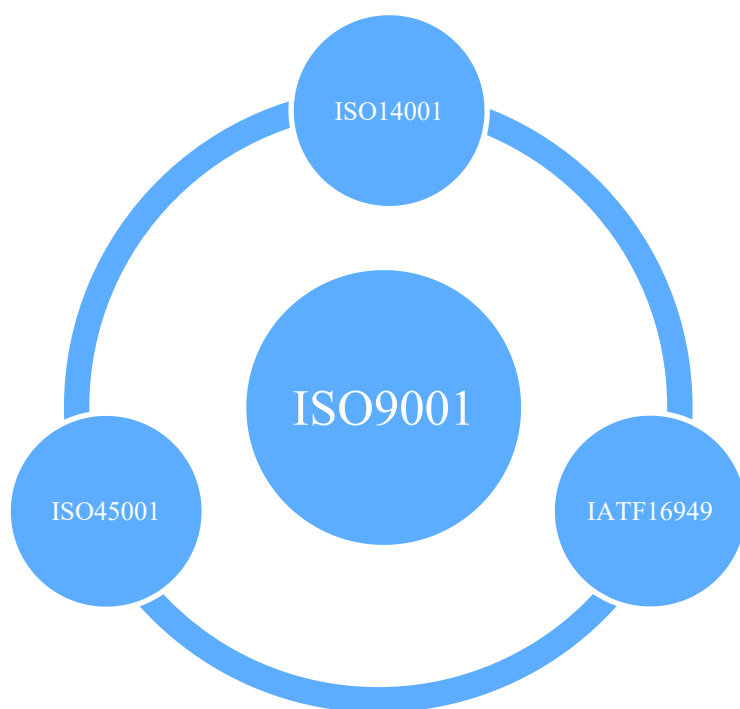
Agilent Cary-7000 (2sets) for reflectivity
measurement ranging from 175-3300nm



CASTECH[®]

福晶科技

- CASTECH was founded in 1990 by FIRSM (Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences, a world famous institute on material research).
- A public company (2008, Shenzhen, China, Stock Code: 002222)
- Sales Revenue US\$80 Millions
- More than 1000 Employees
- 40,000 M² Facility
- Sales 50% China and 50% International



CASTECH is a pioneer and global leader in nonlinear optical crystals, laser crystals, precision optics and laser components for laser, optical communication, biomedical and LiDAR applications. Based on more than 30 years of worldwide known expertise and unique technologies of crystal growing, precision polishing and high LIDT coating, CASTECH has built a wide selection of high performance precision optics category and solutions including Aspherical/Spherical Lenses, Flats, Prisms, Waveplates, Gratings, polarization components, as well as featured products for most commanding applications like ultrafast lasers, to assist with our customers from prototype to mass production stage.