

SCIENCETECH

Company Presentation



Making Light Work Better



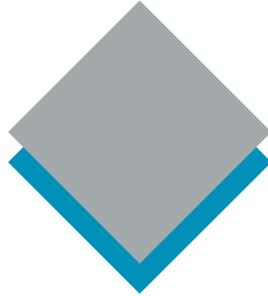
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SCIENCETECH

Our Mission Statement

"To serve the New Instrumentation Development market in the field of Optical Spectroscopy with dedication, integrity and excellence, trying to create an environment where coworkers can prosper and enjoy"

Alex Quaglia

CEO of Sciencetech



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SCIENCETECH

About us



Celebrating



1985 - 2020

Since the beginning, Sciencetech's instruments have been exported to countries around the world, within a variety of applications and fields including medical research, biotechnology, space and aerospace, food sciences, environmental and academic research, and photovoltaic testing and research.

Sciencetech is proud to acknowledge we have supplied spectroscopic instruments, solar simulators, far infrared Terahertz spectroscopy systems, photovoltaic testing systems, and custom made instruments to distinguished institutions around the world.



Global Reach

With 37 affiliated companies representing Sciencetech all over the world, we have expanded and diversified our market and customer base to meet the challenges of expansion and open up new paths for growth.

With new global opportunities, we have been able to work closely with international researchers and academic institutions to provide tailored engineering solutions to their solar simulator and spectroscopy equipment needs.

Currently we have 37 representatives on 33 countries around the world.

37
Representatives

33
Countries

ARGENTINA – AUSTRALIA – BELGIUM – BRAZIL – CHILE – CHINA
MAINLAND – COLOMBIA – DENMARK – ECUADOR – EGYPT –
GERMANY – INDIA – ISRAEL – ITALY – KUWAIT – MEXICO –
NETHERLANDS – NORWAY – PAKISTAN – PERU – POLAND –
QATAR – ROMANIA – RUSSIA – SAUDI ARABIA – SINGAPORE –
SOUTH KOREA – SRI LANKA – SWEDEN – TAIWAN – TURKEY –
UNITED KINGDOM – UNITED STATES OF AMERICA

Advanced Photonics India
Apel Laser SRL
Avian-Light LLC
Beijing Labsun Technology & Dev. Co., Ltd.
Ben Moshe Manufacturers
Busan International
Crisel Instruments SRL
Cross- Tech Equipment Co., Limited
Dongwoo Optron
Hercitech SAC
Hi-Tech Automatizacion S.A.
Ibn Rushd Medical & Scientific Equipment
IPGI Instruments
IRtech
Lightwind Corp.
Macro Group
Matrix Scientific Trade Corp.
Med Arabia Center
Nano Instrumentos
NMERRY Technology Co.,Ltd.
Onset Electro-Optics
Photonic Solutions Ltd
Premier Solutions Pte. Ltd.
Qatar Scientific Co WLL
ROTLAB Bilimsel Cihazlar Ltd. Sti.
SC EPI SISTEM SRL
Scitech Pty Ltd
Shenzhen Well Optics Co., Ltd.
Sigma Delta Technologies (PVT) Ltd.
Southern Dynamics
T&M Instruments
Technogation
Test Technology
Tetra Scientific Trading Est.
UniNanoTech Co. Ltd.
Upsala Technologies
Raien Ingenieria y Sistemas



Corporate customers

Our corporate and institutional customers include Bhabha Atomic Research Centre, Brookhaven National Laboratory, European Space Agency (ESA), Indian Space Research Organisation, Japan National Institute of Materials Science, Joint Research Centre Ispra, Max Planck Institute, NASA, and the US Department of Defense, Aramco Services Co. Saudi Arabian Oil Company, Korea Aerospace Research Institute (KARI), Panasonic, Microsoft among many others



Academic customers

Our academic customers include major universities all over the world including California Institute of Technology, Harvard University, Johns Hopkins University, Stanford University, McGill University, McMaster University, Massachusetts Institute of Technology, University of Toronto, University of Western Ontario, École Polytechnique Fédérale de Lausanne, Imperial College London, Swiss Federal Institute of Technology Zurich, University of Oxford.

Main Lines of Equipment

Solar Simulators and Spectroscopy Instrumentation.

Sciencetech manufactures Light sources, Solar Simulators, Monochromators and other optical Spectroscopy Instruments. Our configurable Instruments can help you find a solution to suit your research goals.



Research Grade Light Sources



Solar Simulators AAA



Quantum Efficiency Measurement systems



Tunable Light Sources



Monochromators



FTIR Spectroscopy



Large Area Solar Simulators



Highly Collimated Solar Simulator



Custom Solutions

Sciencetech

Custom Engineering Solutions

Sciencetech's in-house team of designers and engineers have decades of combined experience in the fields of optical spectroscopy and solar simulation, making the company an ideal choice for custom instrumentation that goes beyond off-the-shelf needs.

Our Process



Applications

Sciencetech offers custom engineering solutions for your research or industrial needs.



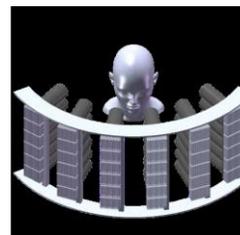
Photovoltaic Testing solar cell performance



Material Testing for automotive industry



Space Environment Simulation



Dermatology and sunscreen testing

Case studies

Some of our Custom High Collimated Solar Simulation Projects.



PROJECT
**UPPER
ATMOSPHERE**
SOLAR SIMULATOR

For photochemistry in air pollution studies. Produces solar spectrum found in the upper atmosphere

Customer:
Alfred University (USA)

Project:
UV producing Class AAA Solar Simulator for Air-Pollution Studies

This Solar Simulator illuminates a high-rise cylindrical chamber in very tight space constraints. This system uses a 6.5 kW light source to illuminate 0.5 m² target area with a beam collimation of 1^o half angle.

PROJECT
**HIGHLY
COLLIMATED**
SOLAR SIMULATOR

With automated beam angle movement. Developed for a prominent national space agency.



Customer:
Korea Aerospace Research Institute

Project:
Highly-Collimated Class AAA Solar Simulator for Space-Related Research

This Solar simulator provides an almost sun-like collimation angel of 0.7^o (full angle) with a 40cm (diameter) target area with AM) spectral conditions. It's completely automated moving system controls.



PROJECT
**HIGHLY
COLLIMATED**
FRESNEL SOLAR SIMULATOR

For space environment simulation. Was developed to operate inside a vacuum chamber

Customer:
Airbus Defense and Space (ASTRIUM)

Project:
Highly Collimated Class AAA Fresnel Solar Simulator

High-powered, highly collimated Class AAA solar simulator capable of being placed within a vacuum chamber. The solar simulator was to be a part of a larger system designed to simulate extra-terrestrial environments in a controlled laboratory. The system provides a collimation angle of 0.70 full angle.

