Diamond Slicing Solutions for High Tech Industry

Solutions to slice brittle materials
Silicon, Silicon Carbide, Sapphire, Quartz, Fused Silica, CZT, PbTe, BiTe, NdYag, Ruby

Diamond wire slicing machines, wires, tools, sub materials and processes

Since 1963, Innov Wire Technology (IWT) has been a leading manufacturer of Diamond Wire Slicing Machines as well as diamond wires itself. IWT is proud of providing diamond slicing solutions to high tech industries by supplying the tools, sub materials and processes needed to slice the most difficult materials.

Applying its founding values: Innovation, Performance and Support, the team at IWT is able to partner with its customers and deliver personalized solutions.
We provide:

- Holistic process solutions to ensure efficient cutting on every brittle material: Silicon, Sapphire, Silicon Carbide, Quartz, Fused Silica, CZT, PbTe, BiTe, NdYAq, Ruby, etc...
- Personalized solutions to ensure a stable process to optimize part quality and total cost of ownership.

Our offer:

- Single wire saws
- Multi-wire saws
- Portfolio of diamond wires from 60 um to 400 um in diameter
- WaferKool cutting fluid
- Mounting solutions
- Slicing beams

Process support to:
- Optimize your process and performance
- Reduce material waste
- Increase productivity

We control all aspects of the slicing process

- We supply saws and wire to Research institutes to improve cutting results in their laboratory and gain time.

High technology sectors:

- Medical
- Optical
- Photovoltaic
- Electronics

Special design to improve lifetime of mechanical parts and wire
IWT is part of the Thermo Technology Group that includes THERMOCOMPACT (FR), FSP-ONE (FR and USA), HWA (Vietnam) and TSDM (FR). One of the groups’ central values is innovation. Our goal is to become the world leader on our high tech markets. The group is proficient in 5 original core businesses: high value added technical surface coating, high end EDM wires, diamond electroplated wires, specialty coated wires, metal heat and thermochemical treatments.

Wherever you are in the world

Contacts

USA
Innov Wire Technology - Headquarters
3505 N. Stone Avenue
Colorado Springs – Colorado 80907 – USA
Sales: +1 719 337 82 66
sales@innowiretech.com

EUROPE - MIDDLE EAST - AFRICA – ASIA
Thermocompact / IWT
Z.I. « Les Iles » - 181 route des Sarves
74370 EPAGNY METZ TESSY – FRANCE
Sales: +33 450 272 002
fcuilliere@thermocompact.com

www.innovwiretechnology.com
www.thermo-technologies.com