

## KEJIA FURNACE

Kejia Furnace is always devoted to satisfying customers with guaranteed quality products, which include 1200/1400/1700°C Muffle furnaces, 1200/1400/1600°C Tube furnaces, (Vacuum) Crucible furnaces, Vacuum Box furnace, Double (Multi) zones Tube furnaces, Multi-position Rotary Tube furnace, Bottom Loading Muffle furnace, etc.

Kejia Furnace has developed a reputation for excellent performance, competitive prices and timely delivery, and became a leading manufacturer and exporter of Furnace products.



# MANSHA VACUUM TECHNOLOGIES

- Vacuum Pumps & Components
- Thin Film Deposition Equipment
- Thin Film Coating Materials
- RF & DC Power Supply
- Cryostats
- Vacuum Furnace
- Glove Box
- Helium Leak Detector
- Consumables



## Topcast Engineering

TopCast makes vacuum casting machines, jewelry casting equipment, centrifugal casting devices, melting furnaces for precious metals and for aluminum casting, brass casting, bronze casting, titanium casting, rapid tooling prototyping, induction heating equipment, cupellation furnaces for fire assay laboratories, zirconia sintering furnaces, sample melting furnaces, soldering plants, furnaces for precious metals refining (gold, silver, platinum), jewelry making supplies.



## APT GmbH



APT GmbH is involved in world-wide co-operation with research organizations and universities for the development and economic utilization of innovative surface modification technologies of different materials. APT GmbH supports and provides customers with advantages in global competition as competent partners in application and introduction of new surface technologies.

## ANGLO SCIENTIFIC

ASL/Larimax design and manufacture a wide range of quadrupole mass spectrometers and Residual gas Analysers specifically designed for Gas analysis and Residual Gas analysis in all areas of vacuum technology.



The leading manufacturers DC power supplies for Sputtering Plants & Ion Sources.

The power supplies are long living, robust, and easy to handle.

## Thin Film Parts & Consumables



- Evaporation Boats & Filaments
- Tungsten Filaments
- Molybdenum Boats
- Tungsten Boats
- E-beam Evaporation Crucible Liners
- Sputter Targets And Evaporation
- Thin Film Monitors & Controllers
- Quartz Crystals
- Feedthroughs & Viewports
- Flanges & Components
- Traps & Filters
- Vacuum Fluids
- Vacuum Valves

TELEMARK



Kurt J. Lesker  
Company

CRYSTAL

## MANSHA VACUUM TECHNOLOGIES PVT LTD.

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**VINCI**  
TECHNOLOGIES



Leaders in Thin film deposition, Ultra high Vacuum, Nano Technology for Research and Industry. Formerly MECA 2000 - 30 years of experience in the UHV field. More than 100 thin films deposition systems installed around the world.

- Thermal Evaporation System
- UHV Evaporation System
- Inorganic & Organic Evaporation System
- Pulsed Laser Deposition System
- Co-sputtering System
- Large Dlc Coating System
- UHV Manipulator 5 Axes
- Multichamber Deposition System
- UHV Transfer Tunnel
- Customised Chamber



**TWC INVAC**

TWC INVAC offers full range of standard and special vacuum furnaces for heat treating, brazing, sintering and melting and precision casting. Each project is treated individually - first we look on the process and production requirements and then selecting optimal version of furnace design.

Furnaces with different versions of thermal insulation, materials and configuration of heating elements, heat zones geometries, external or internal gas circulation systems, control systems based on subsystems of different suppliers and individually designed vacuum pumping systems.



**qualiflow**

**Digital Gas Mass Flow Controllers and Meters**

Qualiflow is an innovative supplier specialized in fluid flow control. The company develops, manufactures and markets components & systems for thin film deposition: such as mass flow controllers, liquid flow controllers.



**SEMCO**  
ENGINEERING

SEMCO has extensive process experience in Wet & Dry Oxidation, Annealing, LPCVD Silicon Nitride, LPCVD Poly Silicon and LPCVD TEOS applications as well as their proprietary LYDOP POCL<sub>3</sub> & Boron Diffusion & LYTOX Oxidation process.

**Jipelec**

JIPELEC is a leading supplier of RTP and CVD equipment for niche applications for the semiconductors, microsystems and solar cells industries.



**Qtherm**

Dedicated to R&D and Labs, a full range of products fully customizable according to your applications. From MEMS to SOLAR applications, Qtherm will provide you with the right equipment for your RTP, PECVD, LPCVD, Diffusion... processes.



**EDWARDS**  
VACUUM

Edwards, a leading innovator in vacuum pump technology. Edwards is a technology leader in the manufacture of vacuum pumps, gauging & systems with products specifically designed to meet the evolving challenges of new techniques and more cost effective instruments

**PRODUCTS:**

- Small Wet/Dry Pumps
- Small/Large Diffusion Pumps
- Vacuum Valves
- Semiconductor Pumps
- Large Oil Sealed Pumps
- Chemical Dry Pumps
- Turbo Pumps
- Measurement & Controls
- Vacuum Fittings
- Industrial Dry Pump
- Mechanical Boosters
- Liquid Ring Pumps



Gamma Vacuum manufacturers of finest line of Ion pumping products in the world



**ColdEdge**  
Technologies

Cold Edge Technologies provides custom <4K to 1000K closed cycle cryostats with interfaces.

**PRODUCTS:**

- Closed Cycle Cryostat - Sample in vacuum
- Closed Cycle Ultra Low Vibration
- UHV Closed & Open Cycle Cry coolers
- Open Cycle Cryostats Liquid Helium or LN2

**T&C Power**  
Conversion, Inc.

T&C Power Conversion, Inc. is an RF services and engineering company that specializes in a range of RF products. Products include High and Low Frequency RF Power Generators and Amplifiers, RF Matching Networks and Transformers, Complete RF Delivery Systems at 13.56 MHz, and RF Switchboxes.



**THYRACONT**  
Vacuum Instruments

Thyracont develops and produces high quality vacuum gauges for atmospheric pressure to ultra high vacuum. All Thyracont products are developed, manufactured & calibrated in Germany by highly qualified staff. Sophisticated test procedures assure that the whole product range-digital compact vacuum meters, vacuum transmitters, vacuum controllers & vacuum switches - meet highest demands in terms of long lifetime, reliability and precision.

