

INDUCTION SPARE PARTS & SERVICES

MELTING FURNACES · HEATING & HARDENING LINES · ALL MAKES

One-stop supply

OEM-equivalent quality

Fast delivery from Türkiye

Faraday Group supplies spare parts, components and coil services for medium-frequency induction melting furnaces, their power supplies, and induction heating & hardening lines — for all makes of equipment. Single point of contact, consolidated shipment, export packing from Istanbul.

INDUCTION MELTING FURNACES & POWER SUPPLIES

- SCRs / Thyristors (rectifier & inverter, all ratings)
- Diodes & Diode Assemblies
- SCR Firing Modules & Firing Transformers
- Snubber Modules, Assemblies & Capacitors
- Power Capacitors (DC link, AC, water-cooled KVAR)
- Resistors (water-cooled, wire-wound)
- Control Boards (firing, opto-coupler & ground-leak detection)
- Current Transformers (CT) & Control Transformers
- Potential Sensors & Power Measurement Sensors
- Circuit Monitors & Phase / SCR Fault Detection
- Temperature / Pressure Switches & Thermostats
- Chokes / Reactors
- Water-Cooled Leads & Power Cables
- Hoses, Clamps & Cooling System Components
- Potentiometers, Knobs, Contacts & Panel Hardware
- Furnace Coil Manufacturing — new build and rewind
- Coil Shunts — manufacturing and supply
- Refractory Materials & Lining Supplies

INDUCTION HEATING & HARDENING LINES

- IGBT Modules, Gate Drivers & Driver Boards
- Rectifier Stacks & Inverter Assemblies (solid-state)
- Hardening Inductors / Coils — new build and rewind
- Quench Rings, Quench Heads & Spray Blocks
- Flux Concentrators / Magnetic Flux Controllers
- Heat Station: transformers, capacitors, busbars
- Pyrometers & Infrared Temperature Sensors
- Scanner & Conveyor Parts (rollers, drives, pushers)
- Hydraulic & Pneumatic Valves, Cylinders and Seals
- Quench Systems: pumps, filters, heat exchangers
- PLC / HMI Modules, I-O Cards & Control Boards
- Closed-Loop Cooling Units & Heat Exchangers
- Coil Insulation, Grouting & Potting Compounds

COIL & INDUCTOR SHOP

New furnace coils, hardening inductors, rewinds and coil shunts — built to your drawing, sample or dimensional sketch.

PART IDENTIFICATION

A part number, nameplate photo or the old part is enough. We return the OEM item or a technically equivalent option, with lead time.

EXPORT & LOGISTICS

Consolidated shipment, export packing and documentation; EXW, FCA or CIF from Istanbul to your plant.

Send us your part number, nameplate photo or coil drawing — we quote with lead time and equivalent options.

FARADAY GROUP · ENERGY · METALLURGY · SHIPYARD