

About Us

Founded in Ankara in 1969, Emek is an internationally operating instrument transformer and disconnecting switch manufacturer with 180 employees in its 27,000 m² open and 11,000 m² closed factory in Ankara.

Since its establishment, Emek has been producing reliable and high-quality products that have been tested multiple times in international laboratories.

With its experienced employees/ staff, Emek has successfully completed numerous projects in 133 countries. Emek develops products for the energy sector and provides services by establishing long-term partnerships with leading international companies in the industry.

Oil Immersed Instrument Transformers



Current Transformers

Live Tank, Dead Tank & Bushing
Designed to measure current, protect major components and provide uninterrupted power. Used for metering and protective purposes in power generation and transmission industry.

- Maintenance free hermetic design
- High seismic performance
- Durability in extreme weather conditions
- Long lifetime expectancy
- SF6 and PCB free design
- Up to 550 kV



Voltage Transformers

Inductive & Capacitive

Used in power generation and transmission for applications to measure voltage and protect major components in high voltage substations for uninterrupted power

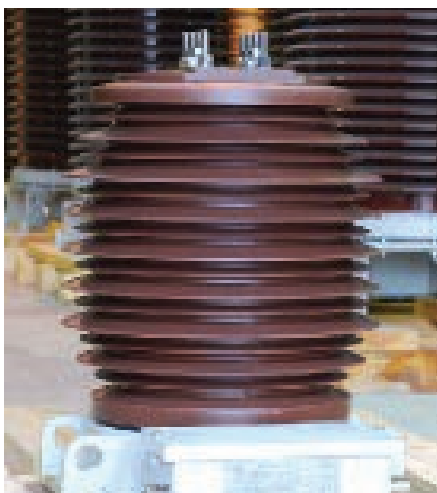
- Maintenance free hermetic design
- High seismic performance
- Durability in extreme weather conditions
- Long lifetime expectancy
- SF6 and PCB free design
- Up to 550 kV

Epoxy Resin Instrument Transformers

Indoor & Outdoor

Ensure high reliability, maintenance-free operation, lower weight, multi-position mounting and higher mechanical strength.

- Maintain power system continuity of operation
- Provide metering and protection for major components
- SF6 & PCB free design
- Cyclo-aliphatic epoxy for outdoor design
- Resistant to moisture & UV radiation
- Up to 36 kV



Disconnecting Switches

Disconnecting switches are one of the most important elements in the switchyards provide isolation of the system from energy. EMEK manufactures disconnecter switches up to 420 kV since 1985.

Rated Current: up to 3150A

Thermal and Dynamic Current: Short time thermal current ratings up to 63kA 1/3s

Dynamic current ratings: up to 160kA peak. Horizontal Center Break Type, Horizontal Side Break Type, Pantograph Type, Horizontal Semi Pantograph Type (Knee Type), Vertical Break Type, disconnecting switches are available.

- Conformity with one, two or three phase
- Motor or manual operating mechanism
- AC/DC Motor
- One or two earthing blade can be supplied upon request.
- Gear Box System for motor control
- Silver plated contacts
- Testing according to IEC 62271-102 M2 requirements.

