

Cartridge resistance

Features :

- High thermal conductivity, resistance to thermal shock and optimum heat exchange;
- For power supply is used nickel pure conductors with externally isolation;
- The best solutions compact heat sources easily replaceable and adapted;
- High safety, long period of use and high reliability;
- Extrusion equipment, mould, plastic processing, heat welding machines, heating liquids, etc.



Electrical resistance – is made of kanthal or nikrothal;

Electrical isolation – high purity magnesium oxide;

Housing – is made of stainless steel with high resistance to corrosion and high temperature optimum efficiency for heat exchange between resistance and heating element;

Ceramic terminal– is made of ceramic material vibration resistant, mechanical shock and corrosion;

Power – can reach up to kW. Specific power may fall within the range $25 \div 50W/mm^2$ for high power resistors and specific power up to $6W/cm^2$ for low power resistors;

Order code :

- Heating power and power supply;
- Diameter, length and type of construction, and power cable length;

Tests to confirm the product quality:

- Measuring the ohmic resistance values, isolation resistance and dielectric strength;
- Measuring leakage current and check ground connection where required;

Our company can execute any model of cartridge resistance, after customer data and design.

Our company can offer the following products for use heating installation:

- Thermocouple and RTD for temperature measuring;
- Digital controller, programmers and recorders for temperature;
- Wire of kanthal or nikrothal;