

Water cooled electromagnets



AMT&C LLC offers a compact design of high power electromagnets with water cooling. It is possible to obtain the magnetic inductance up to 2 T, adjustable inter-polar gap, supplying in a set together with a computer-controlled power unit (including polarity reversal) optical channel along the field direction, and other options. We work according to the customer's specifications.

The electromagnets presented, as an example, in the photo has the basic characteristics:

- adjustable gap from 30 to 65 mm,
- the maximum field in the gap of 35 mm-0.8 T,
- the maximum field in the gap of 65 mm-0.5 T,
- weight-95 kg
- maximum power consumption-4.5 kW

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