

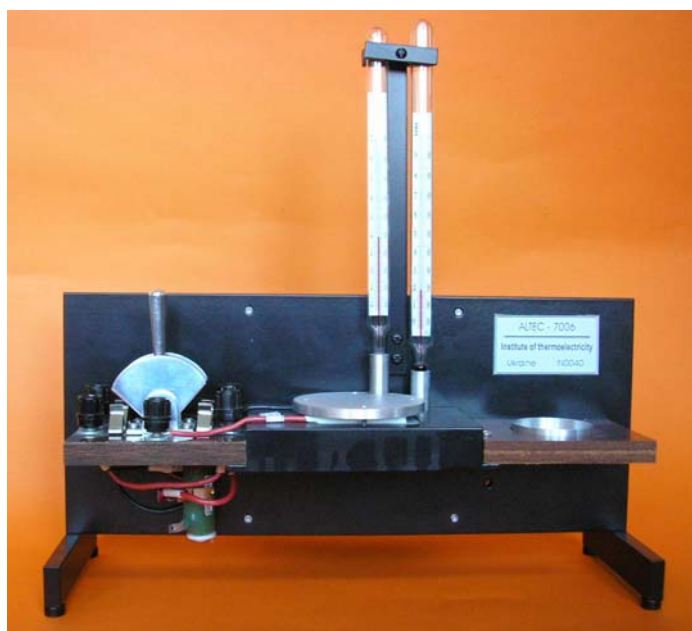
NEW!

TEACHING DEVICE FOR DEMONSTRATION THERMOELECTRIC CURRENT COOLING EFFECT **ALTEC - 7006**



- The device is intended for demonstration of thermoelectric cooling effect and performance of laboratory activities.
- Operating principle is conversion of electric energy with the use of the Peltier effect in semiconductors.
- Training device comprises a heat removing table-radiator with air fan located on fin ends thereof. Placed on the table is a thermoelectric module, with a special water tray arranged on the cold side thereof. The temperature of the hot and cold module sides is controlled by two alcohol thermometers. With current switched on, cooling $-10 \div -15$ °C at ambient temperature 20 °C is achieved, and water placed into the freezes.
- Training device comprises the necessary electric circuits to study the Peltier effect: determination of coefficient of performance, optimal currents under conditions of maximum cooling capacity and maximum coefficient of performance.

Device appearance



Specifications

| No | Parameter, measuring unit | Value |
|----|---------------------------|-------------|
| 1. | Device supply voltage, V | 12,0 |
| 2. | Device supply current, A | 5,5 |
| 3. | Mass, kg | 3,0 |
| 4. | Overall dimensions, mm | 300x150x280 |

For orders and additional information: General P.O. Box 86, Chernivtsi, 58002, Ukraine;
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