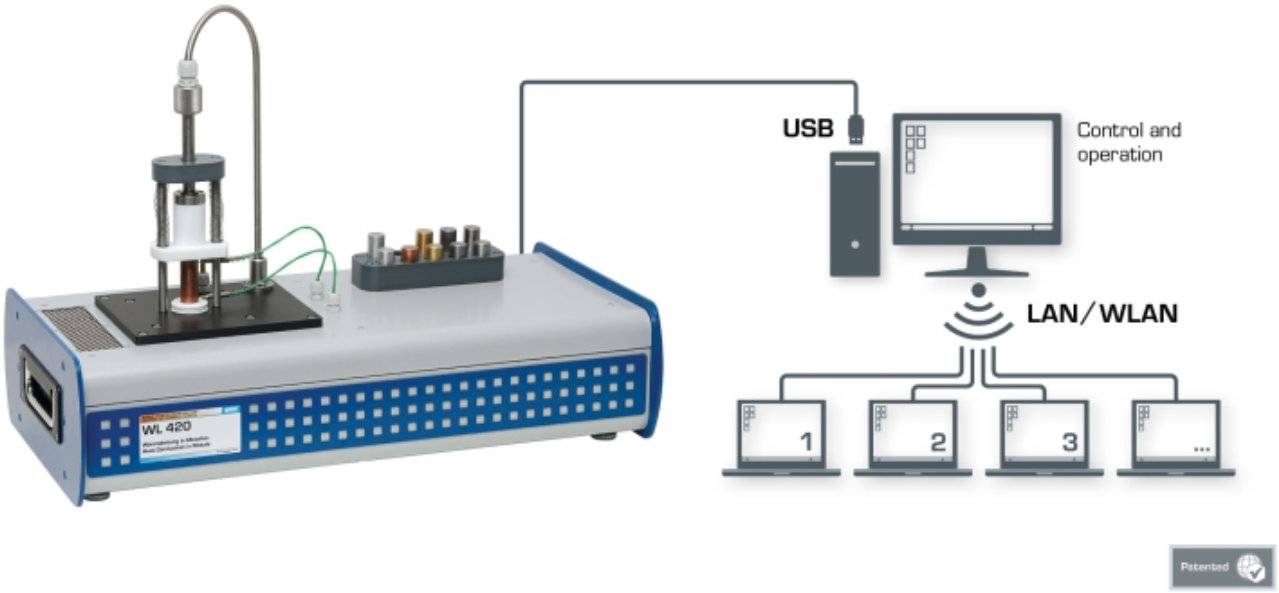
HELAGO-CZ, s.r.o.
Commercial Register maintained by the Regional Court in Hradec Králové
Section C, File 17879
Kladská 1082
500 03 Hradec Králové 3
Company ID: 25 96 39 61, VAT: CZ 25963961
Phone: 495 220 229, 495 220 394
Fax: 495 220 154
GSM gate: 602 123 096
E-mail: info@helago-cz.cz
Web: http://www.helago-cz.cz

WL 420 Heat conduction in metals

Order code: **5201.06042000**



Information about product price on demand

Parameters

Quantitative unit	ks

GUNT WL 420

Unit is part of the GUNT-Thermoline series, designed for studying the fundamentals of heat transfer.

It enables the investigation of the thermal conductivity of different metals using a continuously adjustable heater and a Peltier element for cooling.

The system includes 11 metal specimens of different lengths and materials.

The integrated microprocessor-based instrumentation eliminates the need for additional devices with complex wiring.

Data acquisition and system operation are managed via the GUNT software, which allows network connectivity (LAN/WLAN) for multiple

workstations.

Additional multimedia learning materials are available online.

Technical Data & Specifications

- **Peltier Element**:
  - Cooling capacity: 56.6W
- **Heater**:
  - Power: 30W
  - Temperature limit: 150°C
- **Specimens**:
  - Diameter: Ø 20mm
  - Length between measuring points:
    - 5x 20mm (copper, steel, stainless steel, brass, aluminium)
    - 5x 40mm (copper, steel, stainless steel, brass, aluminium)
    - 1x 40mm with turned groove (aluminium)

Measuring Ranges

- **Temperature**: 5x -25...325°C
- **Heating power**: 0...50W

Power Supply

- 230V, 50Hz, 1 phase
- 230V, 60Hz, 1 phase
- 120V, 60Hz, 1 phase
- UL/CSA optional

Dimensions & Weight

- **LxWxH**: 670x350x480mm
- **Weight**: ~18kg

Required for Operation

- PC with Windows