



MINOTHERM® II

Heat Cost Allocator according to the evaporation principle



 **Minol**
All that counts.

 WATER METER

 HEAT METER

 HEAT COST ALLOCATOR

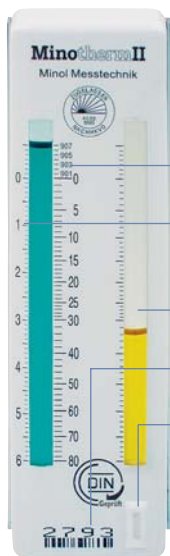
Minotherm® II

Heat Cost Allocator according to the evaporation principle

The Device

Minotherm® II ensures, despite its simple operating principle according to the evaporation principle, a precise consumption detection. During the production of all single device components, the highest quality in material and production are fixed standard factors.

- Aluminium back piece with very high thermal conductivity
- Housing cover of impact-proof synthetics
- Measuring ampoule with special evaporation liquid
- Manipulation secure seal



Device Advantages and Characteristics

- Aluminium back piece with very high thermal conductivity
- Unit scale for consumption determination
- Control scale ensures optimal assurance for an error-free reading
- Saving of the previous year's ampoule in the right window
- Single numbering excludes interchange
- Safety seal protects against intervention and manipulation

The Operating Principle

The very thermal conductive aluminium back piece which is assembled onto the radiator transfers the radiator heat to the measuring ampoule. The liquid in the ampoule is heated. In connection with the temperature height and length of the temperature effect, a portion of the liquid evaporates. The level of the liquid can be clearly read on the unit dual scale. The reading value creates the basis for the consumption-dependent heating cost settlement through Minol Messtechnik.

Heating Cost Distribution is a Question of Trust

- Over 50 years of first-hand heating service and device technology
- A safeguarded system through photographic documentation for exact recognition and assessment of the radiator
- Disclosure of all radiator data with assessment in a technical basic data sheet for each apartment
- Transparent and clearly arranged heating cost settlement



C-value measurements can be conducted in the shortest time periods on the company's own modern radiator performance test stand in accordance with DIN 4704. An important prerequisite for the correct assessment and thereby reliable consumption detection and heating cost settlement.

Range of Application

Type of Heater	Central Heater
Piping System	Two-pipe Heater One-pipe Heater 1. vertical one-pipe heater 2. horizontal one-pipe heater with pipe loop for every user
Ambient Temperature Range	55°C – 110°C Mean dimensioning heat medium temperature
Assembly	Manipulation secure in all standard radiators

Technical Data

Scale System	Unit scale
Measuring Liquid	55 – 60°C 1-Hexanol 60 – 95°C Methyl Benzoate 95 – 110°C Benzyl Acetate
Back Piece	Aluminium with very high thermal conductivity
Device Number	Four-digit with single numbering
Seal	Manipulation secure with predetermined break point
HKVO Approval	A 103/1990
DIN Inspection	Reg. No. 063/04 E
Size	H 115 mm, W 34 mm, D 15.5 mm
Data Saving	Previous year's ampoule remains in the device