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e

Umsatzsteuer-  
Identifikationsnummer  
:  
DE 143 450 657



## KERN ultrasonic material thickness gauge TD GOLD 40., 0.01 mm

Price on  
request  
plus VAT &  
Shipping

### Product Images



## Description

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The TD-GOLD can be used to determine whether gold bars or gold coins are genuine or whether they contain false cores. The instrument measures the thickness of gold bars or gold coins using an ultrasonic method: Ultrasonic waves are introduced into the test object via a sensor. The waves penetrate the test object, are reflected at the opposite surface and are picked up again by the sensor. The result of this measurement is compared with the thickness of the material, which is traditionally measured using calipers. On the basis of the measured value output, false cores (shown in gray), such as those made of tungsten, lead, etc., are very easy to detect, since the ultrasound behaves differently here than in pure gold. The SAUTER SSG software (included) can be used to determine whether the test piece is genuine or contains a false core - and this at a high level of security. Known admixtures in the tested gold piece - e.g. copper or silver - are compensated for by the software. In addition, the software determines the value of the gold piece. The gold price is constantly queried online for this purpose. It is the only testing method that measures non-destructively through the entire bar or coin, thus ensuring the highest level of security. Zero plate for calibration included. Delivery in a robust carrying case.

## Additional Information

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No.	KP-5511
Manufacturer (Brand)	KERN
EAN	4058072150211
Transport temperature	Room temperature
autoclavable at 121°C	No
sterile	No
Manufacturer	CORE

