



# OIML R87

## Terminology

- Prepackage
- Product
- Actual quantity
- Nominal quantity
- Packing material
- Tolerable deficiency
- Other terms



# OIML R87

## Terminology

### Prepackage

- Single item for presentation as such to a consumer, consisting of a product and its packing material, made up before being offered for sale and in which the quantity of the product has a predetermined value, whether the packing material encloses the product completely or only partially, but in any case in such a way that the actual quantity of product cannot be altered without the packing material either being opened or undergoing a perceptible modification

## Terminology

### Prepackage





# OIML R87

## Terminology

### Prepackage

- prepackage marked with constant nominal quantity;
  - prepackage on which the same nominal quantity is declared
    - **R 87 & R 79**
- prepackage marked with random nominal quantities
  - prepackage individually measured and marked with its actual quantity at the time of packing
    - **R 79 only**

## Terminology

### Product

- All of the prepackage that is not packing material



## Terminology

### Nominal quantity

- The quantity of product in a prepackage, which is declared on the label
- The symbol used is “ $Q_{\text{nom}}$ ”
- Also referred to as “net quantity”, “net contents”, “net mass” or “net volume”



## Terminology

### **Actual quantity**

- The amount of product that a prepackage contains as determined by measurement
- Measurements to be made by a Legal Metrology Officer (LMO)
- Actual quantity is compare with the nominal quantity to determine the error

## Terminology

### Packing material

- Everything of the prepackage that is intended to be left over after use of the product, except for items naturally in the product





# OIML R87

## Terminology

### Average error

- The sum of individual prepackage errors considering their arithmetic signs divided by the number of prepackages in the inspection lot or sample



## Terminology

### **Individual prepackage error**

- The difference between the actual quantity of product in a prepackage and the nominal quantity of that prepackage
- Simply: actual (minus) nominal (equals) error

## Terminology

### T1 error

- The deficiency that is greater than the applicable tolerable deficiency (T) (see 2.1.17) but not greater than twice the applicable tolerable deficiency (2T) for the given nominal quantity

### T2 error

- The deficiency that is greater than twice the applicable tolerable deficiency (2T) for the given nominal quantity



# OIML R87

## Terminology

### Other terms

- Gross weight; weight of packing material + actual quantity
- Tare weight; weight of packing material
- Net weight; alternative term for actual quantity
- Goods; alternative name for product