COULOSCOPE® CMS2
COULOSCOPE® CMS2 STEP

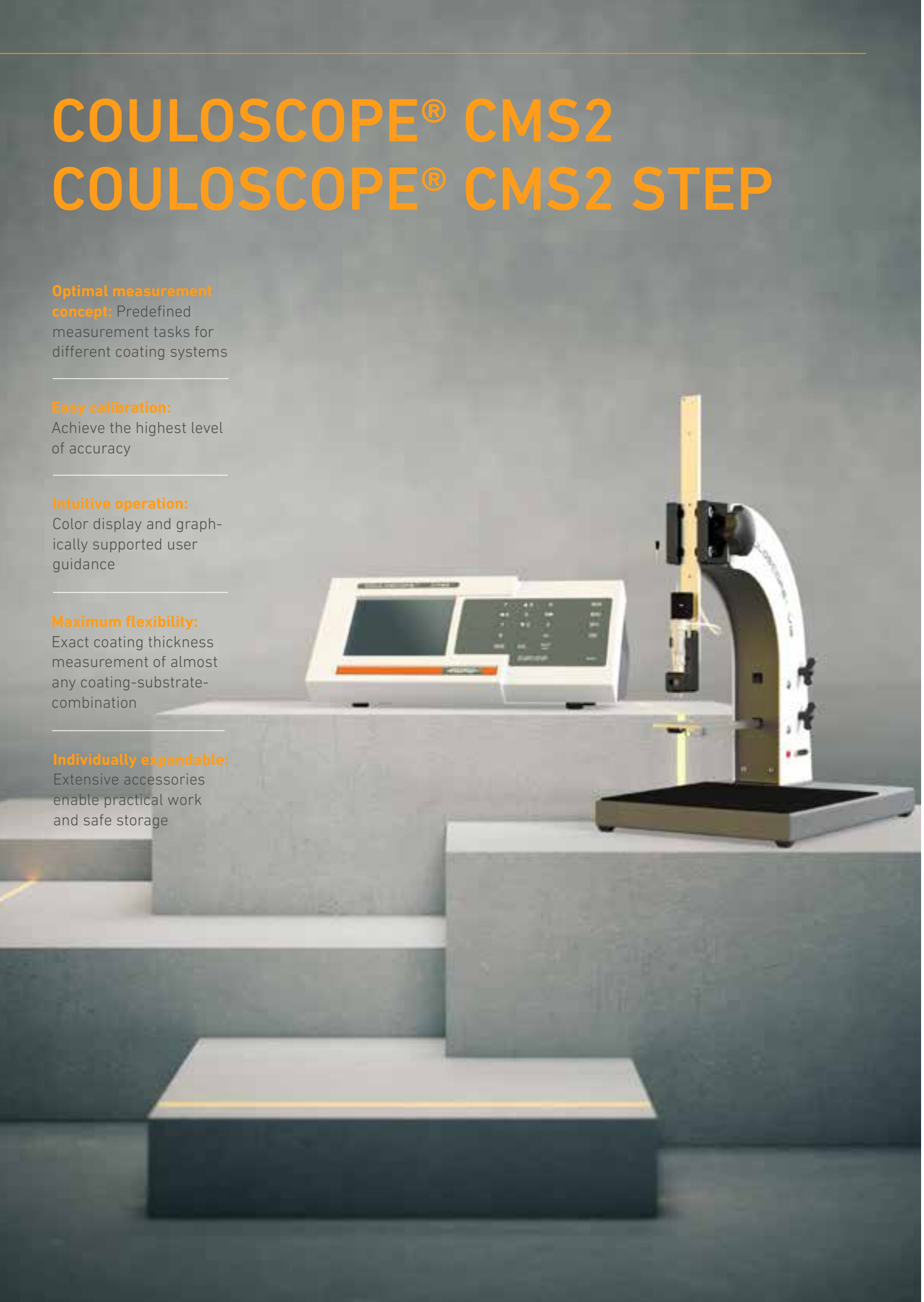
Optimal measurement concept: Predefined measurement tasks for different coating systems

Easy calibration: Achieve the highest level of accuracy

Intuitive operation: Color display and graphically supported user guidance

Maximum flexibility: Exact coating thickness measurement of almost any coating-substrate-combination

Individually expandable: Extensive accessories enable practical work and safe storage



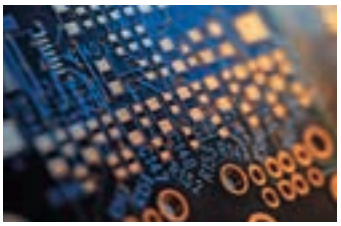
Chromed surfaces

Our coulometry specialist

Our COULOSCOPE® CMS2 instruments precisely and quickly measure the thickness of virtually any metallic coating, including multi-layer, on almost any base material. It works destructively according to the coulometric method by high-precision electrolytic layer dissolution.

Thanks to their simple handling and menu-supported operator guidance, they are ideally suited for both production monitoring in electroplating industry and incoming inspection of finished parts. Almost 100 predefined measuring applications for different coating systems as well as various de-plating speeds are available as standard.

The sister model COULOSCOPE® CMS2 STEP is additionally equipped with the STEP test function and enables, in addition to the coulometric coating thickness measurement, also the measurement of single coating thicknesses and potential differences of multiple nickel coatings.



Measurement of residual tin thickness on printed circuit board

COULOSCOPE® CMS2 STEP workstation with stand and accessories

Features

- Benchtop instrument for measuring coating thicknesses and electrochemical potentials using the coulometric method
- Test method: Coulometry by anodic dissolution
- Deplating speed: 0.1 - 50 µm/min selectable
- Deplating area: 0.6 - 3.2 mm Ø
- Measured value memory: 3,000 in 50 batches
- Measurement range: Depending on the combination of coating and base material and the deplating speed 0.02 - 50 µm
- Graphical representation of the voltage curve at the measuring cell
- Easy data transfer via USB interface