

Density determination or adjustment perfectly under control - with density cubes from TC-Tungsten Compounds

TC -Tungsten Compounds now offers a **set of matching density cubes** for your separation tasks with heavy liquids.

Density determination - now easier and safer than with a glass hydrometer.

With the density cubes, you can determine and adjust the density of your heavy liquid **without a glass hydrometer**:

- **Simple principle and high measuring accuracy:** 16 different density cubes in one set, with precisely known densities ($1.20 - 4.20 \text{ g/cm}^3$, tolerance $\pm 0.02 \text{ g/cm}^3$) are placed in the liquid – they sink, float, or hover depending on the actual density of the medium. Easy to identify thanks to different colours.
- **No glass equipment, no scale evaluation:** Unlike with a glass hydrometer, you do not have to immerse a sensitive glass body in the suspension, read menisci, or use temperature correction tables.
- **Density determination now also possible for small volumes:** Since the cubes have dimensions of $1 \times 1 \times 1 \text{ cm}$, densities can now also be easily determined for small volumes in beakers or test tubes.
- **Robust and reusable:** The plastic cubes are shock-resistant, non-toxic, and inert, and can withstand many process cycles, whereas glass hydrometers break easily and are often only suitable for abrasive media to a limited extent.
- **Direct process control:** Multiple density cubes simultaneously show you immediately whether your plant is operating within the desired density range - directly in the circuit, without taking samples to the laboratory.

This makes density determination in heavy liquids **faster, safer, and more practical** than with conventional glass hydrometers using the density cubes available from **TC Tungsten Compounds**.

