

Mettler Toledo C 30 Coulometric Karl-Fischer Titrator

Technische Universität Braunschweig | Institut für Chemische und Thermische Verfahrenstechnik
ictv@tu-braunschweig.de | Telefon +49 (0) 531 391-2791

Principle of Measuring

- Measuring water content of solids and liquids by electrochemical reaction with iodine.

Possibilities

- Measuring water contents of solid and liquid samples at different temperatures.

Equipment

- Stromboli: oven sample changer
- Solvent Manager

Measuring Range

- Water content 0 – 20 m-% water
- Temperature RT – 200 °C
- Sample mass 0.001 – 20 g
- Sample condition liquid or solid
- Sample quantity up to 13 samples per cycle

Measuring Time

- Measuring Time is determined by sample mass and water content
- ranges from several minutes up to hours

