Specification for Volumetric Titrator for the determination of water content in soluble samples (Karl Fischer)

TFK requirements:

* Measuring range from 100 ppm...100%
* Drift measurement - online, <5 µg/min
* Number of methods - 5
* Liquid handling equipment before contact with chemicals
* User interface with touch screen
* Autostart: automatic start after adding a sample
* Drift limiter for endpoint recognition
* Statistics for samples, including checking of result limits and extreme value testing
* Data export:

- USB, Ethernet, PDF

* Communication:

- Ethernet (TCP/IP)

- COM (serial connection of the scale)

- Host USB (printer, storage medium, barcode reader, hub)

- USB (PC)

- Built-in magnetic stirrer

- Pump/mixer

* Installation, calibration, qualification and training of employees at TFK
* Calibration certificate
* Computer software for performance management

Data przygotowania specyfikacji: 28.03.2024

Osoba kontaktowa po stronie TFK:

Jakub Węgrzyn, Manager Projektów [jakub.wegrzyn@tfkable.com](mailto:jakub.wegrzyn@tfkable.com)

Osoba ds. organizacyjnych: Andrzej Sobala [andrzej.sobala@tfkable.com](mailto:andrzej.sobala@tfkable.com)

Ocena techniczna: Igor Ilkiv, technolog, igor.ilkiv@tfkable.com