

beamex

The following improvements have been included into

Beamex® CMX Enterprise and Beamex® CMX Professional (FS):

New major features:

A new technology for the calibrator communication is introduced.

The new "Calibration Web Service Interface" (CWSI) driver introduces the possibility to communicate with supported calibrators over Wide Area Networks.

This ensures faster and more reliable communication in networks with high latency.

Also, no third party solutions are needed anymore for the USB communication.

CWSI introduces two new components: the CWSI Client, which is locally installed on every computer that is physically connected to a calibrator and the CWSI Server, which is a common gateway for all CWSI Clients. In addition to this, CWSI support is implemented into the CMX Client, which enables CMX to communicate with calibrators connected to CWSI clients via the familiar Send/Receive window.

New minor features:

- Windows 8 certified.
- Support for Microsoft SQL Server 2014.
- New List Label version 20 integrated in CMX. All report layouts are converted to be List Label 20 compatible and they are taken in use in CMX database conversion. It solves Turkish character set problems.
- Manual entry is now opened like it was closed during previous Manual entry session. Form size, tree separator, column widths and graph separator are saved. Separate settings used for conventional, switch and weighing instrument types. To reset back to defaults, the Location_frmManualEntry.xml file should be removed under CMX's User Application path.
- MC6 (workstation) calibrator compatible P250 and P600 pressure modules and their specs added in database during conversion.



ECD CA-6 Colorimetric Online Analyser
Combines Reliability With Ease-of-Use

Ideal for Water and Wastewater Analyses in the Chemical, Municipal, Pharmaceutical and Power Industries

Plant engineers in search of a user-friendly and cost-effective measurement solution for water or wastewater will find the new **CA-6 Colorimetric Online Analyser** from **Electro-Chemical Devices** performs colorimetric or Ion Selective Electrode (ISE) based laboratory analyses accurately and reliably.

The CA-6 precision online sequential sampling analyser is easy to install, weighing less than 20kgs. It can be wall mounted or simply set on a bench. Next connect the sample, waste and reagent lines to the analyser and provide power, the CA6 will begin its preprogrammed analysis sequence.

The CA-6 utilises photometric differential absorbance to analyse over 20 common parameters, including: aluminium, silica, phosphate, iron and sulfate. It offers repeatability of $\pm 2\%$ on the absorbance value if the turbidity < 80 NTU and drift of $\pm 2\%$ per month on the absorbance measurement. It operates in a wide temperature range of 5 to 50°C.

Several ISE based analysis require significant sample conditioning before an accurate measurement can be made. The advanced CA-6 Analyser improves these measurements by reducing the volume of conditioning chemicals required and minimizing the associated waste. With the CA-6, the result is a faster, accurate measurement requiring fewer consumables with less waste to reduce overall operating costs—saving labour and money.

Numerous analysis configurations can be programmed with the CA-6, depending on the accessories and the number of micro-pumps mounted in the liquids enclosure. Customising analysis routines and accessing information is easily accomplished via the touchscreen with the unit's simple menu structure and function commands.



AMS News

AMS during the last months has received several major orders for both Beamex and McCrometer. Some other productlines are not far behind. This all looks good for a successful year at AMS. In this issue we introduce Lauris Technologies, manufacturers of low flow ultrasonic gas flow meters.



FIT1225 Ultrasonic Gas Flow Meter

The FIT1225 is the insertion model of the ultrasonic gas flow meter specifically developed for large flare pipes and stacks. Insertion probe design overcomes inherent difficulties of conventional non-intrusive wetted designs caused by the low signal level at long ultrasonic paths and signal blow-out at high gas velocity.

The FIT1225 utilises the proprietary ultrasonic transit-time measurement with minimum detectable gas velocity of 1cm/s. The insertion probe meter is provided in several options including the multi-probe version for better accuracy, retractable probe version, etc.

Features

- Lowest minimum detectable velocity of $V_{min}=0.01$ m/s
- No pressure drop
- Immunity to gas composition
- Volumetric and molecular & mass flow measurement

