The success story of Baumer is characterized by tradition and innovation. By hardware and software engineers, designers or process engineers that see in each new situation an opportunity to discover and develop a new solution to innovate.

The widely accepted CombiSeries including CombiTemp® and CombiPress® demonstrate Baumer’s longtime competence in measurements instruments for pressure and temperature. With the new AFI4 CombiLyz® Baumer extends this series now by a very sensitive and precise measurement sensor for conductivity. CombiLyz® sets on the proven housing of the CombiSeries, the flexible module system and the convenient CombiView® display. It is primarily developed for precise analysis and differentiation of media in the food and pharmaceutical industries and in waste treatment technology. In practice, the CombiLyz® is ideally suited for use in CIP and SIP processes, for monitored concentrations in liquids, or for phase separations of different media.

Almost all Baumer instruments can be integrated in your FDT compatible frame application, like PACTware®. Baumer delivers an installation file for accessing all available DTM drivers. They offer you various functionalities like parameterization, monitoring and firmware upgrade.

FDT frame application

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For more information about our CombiSeries visit www.baumer.com/CombiSeries or ask our experts.

Find your local partner: www.baumer.com/worldwide

For the CombiSeries making temperature, pressure and conductivity measurement safe and convenient.
Another innovation from Baumer:

The CombiSeries instruments facilitate safe and convenient process control

Today’s machinery and systems are becoming more and more complex. Monitoring and controlling pressure, temperature and conductivity are three of the most important measuring tasks in the process industry. Baumer’s goal is to simplify the increasingly complex production processes by introducing innovative sensors.

We have thus developed instruments with a display which are perfectly suited for your needs and enable you to react quickly, whether locally on site or in your control center. Why spend time analyzing demanding processes instead of just having the display indicate when you need to take action?

To ensure safe and reliable operation, our CombiLyz® is a modular system comprised of:

- **CombiView® display**
- **CombiTemp® temperature transmitter**
- **CombiPress® pressure transmitter**
- **CombiCon® conductivity and concentration measurement sensors**

Extremely robust and hygienic housings

- Different process connections
- Customized ranges
- Fast response time
- High long-term stability
- High accuracy
- Precise and reliable for high quality production
- High accuracy
- High drop-proof suitability
- Fast response time
- Configurable ranges
- Easy to clean and able to withstand high pressure cleaning
- Extremely robust and hygienic housings
- Additional feature included: Stand-alone instrument in combination with FDT/DTM interface

All instruments come factory set, but can also be programmed by the user depending on the requirements and needs. Easy programming - user-friendly on-screen menu. The display can be rotated 360°.

**The CombiView® display**

When choosing the right instrument for your company, it is important to consider the nature of your applications. The CombiView® display is designed to ensure an efficient and safe process flow. The required information is available at a glance and easy to read even from a distance.

The visible variables: fast, easy and safe CombiView®

- Easy to view and able to be machined
- High accuracy in measuring temperature, humidity, conductivity, concentration, pressure and level
- Easy and fast to use
- Configurable text display
- Three color backlight alert signaling
- Fast response time
- Increased accuracy
- Fast response time
- High long-term stability
- High accuracy
- Precise and reliable for high quality production
- High accuracy
- High drop-proof suitability
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- Configurable ranges
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All instruments come factory set, but can also be programmed by the user depending on the requirements and needs.

**Easy-to-read display**

The display on the right shows the instrument in its ideal position, allowing for easy reading at a glance. The display can rotate 360°, making it easy to read from any direction. The display can be programmed to show the desired information in a clear and easy-to-read format. The user can choose which variables are displayed and how they are presented.

**Your personal alarm system**

Why waste more than a second determining whether you need to take action?

Our CombiView® works like a traffic light. No detailed, time-consuming process analysis is necessary. The display provides a clear, eye-catching visual so you immediately know whether you need to take action or not.

**Be your own designer with the CombiView® display**

First of all, you have the option to choose which CombiSeries instruments you want to come with a display and which you do not. The good news is that a display can always be easily retrofitted in your instrument if your needs change and you want to add a display later.

Furthermore, we have several different visual modes available for our CombiView® display as shown on the right. You can choose the interface you like so the information is easy for you to read.

**Additional features include:**

- Background color change
- Flashing
- Alarms
- Programming
- Two relay outputs
- Two-way interfaces
- Two-way interfaces
- Stand-alone instrument
- Additional feature included: Stand-alone instrument in combination with FDT/DTM interface

The display can be rotated 360°. The display can be programmed to show the desired information in a clear and easy-to-read format. The user can choose which variables are displayed and how they are presented.

**CombiView®**

CombiView® is also available as a stand-alone display for all kinds of analog sensors.
Another innovation from Baumer:
The CombiSeries instruments facilitate safe and convenient process control

To ensure safe and reliable operation, our CombiSeries is a modular system comprised of:
- CombiView® display
- CombiTemp® temperature transmitter
- CombiPress® pressure transmitter
- CombiLyz® conductivity measurement system
- The new CombiView® conductivity and concentration measurement sensor
- Extremely robust and hygienic housings
- Different process connections

All instruments are also available without CombiView® display.

The visible solution: Fast, easy and safe CombiView®

Be your own designer with the CombiView® display

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The good news is that a display can always be easily retrofitted in instruments you want to come with a display and which you do not.

Furthermore, we have several different visual modes available for you to choose from until you find the one you like so the information is easy for you to read.

Additional features include:
- Background color change
- Time zone
- Touch screen programming
- Flashing error messages
- Trending

Red = take action
Yellow = alarm
Green = ok

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We have thus developed instruments with a display which are perfectly suited for your needs and enables you to react quickly, whether locally on site or in your control center.

Why spend time analyzing demanding processes instead of just knowing if/when you need to take action?

Why waste more than a second determining whether you need to take action?

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Process control and monitoring are becoming ever more complex and demanding. The visible solution: Fast, easy and safe CombiView®.

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CombiView® is also available as a stand-alone display for all kinds of analog sensors.

Innovative and user-friendly instruments for safe and convenient processes.

Features and benefits by your point of view:
- High-quality analog inputs (4…20 mA)
- User-friendly configuration
- Touch-screen display
- Easy-to-read backlight and signaling
- Configurable display
- Instant and Communication for easy integration
- In-built alarm and loop-signaling
- Backlight programming
- Two relay outputs (optional)
- Easy-to-read

Precise and reliable for high quality production:
- High accuracy
- High long-term stability
- Fast response time
- Cost-effective

All instruments come factory set, but can also be programmed by the user depending on the requirements and needs.

You can even program the specific messages that you want to be displayed.

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To ensure safe and reliable operation, our CombiSeries is a modular system composed of:

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- CombiTemp® temperature transmitter
- CombiPress® pressure transmitter
- CombiLyz® conductivity and concentration measurement sensor
- Extremely robust and hygienic housings
- Different process connections

All instruments are also available without CombiView® display.

Customized and user-friendly instruments for safe and convenient processes.

- Configurable ranges
- Fast response time
- High accuracy
- Precise and reliable, for high quality production
- Easy programming (with/without value)
- Connection can rotate 345° (bottom connection only)
- Media label (tank/bottle)
- Tank visual
- Bar graph

To be your own designer with the CombiView® display

First of all, you have the option to choose which CombiSeries instruments you want to come with a display and which you do not. The good news is that a display can always be easily retrofitted in instruments you want to come with a display and which you do not. Furthermore, we have several different visual modes available for any 4…20 mA transmitter.

Additional features include:

- Background color change and flashing
- Information indicators
- Two relay outputs

You can even program the specific messages that you want to be displayed.

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Your personal alarm system

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With its new superior design it provides very precise measuring and quick response time and ensures low total cost of ownership.

Easy customizing

All instruments of the CombiSeries can be factory setting or programmed to specific customer needs by touch screen on the display or the DTM-based FlexProgrammer 9701. After downloading the FlexProgram software to your PC and connecting the PC to your instrument you can easily set up measuring range and unit, damping, alarm values, relay setpoints, screen layout and much more. Regarding the conductivity transmitter temperature compensation curves for 4 different media are already stored in the device and by use of the FlexProgrammer you can create and store compensation curves for 4 additional media.

FDT frame application

Almost all Baumer instruments can be integrated in your FDT compatible frame application, like PACTware™. Baumer delivers an installation file for accessing all available DTM drivers. They offer you various functionalities like parameterization, monitoring and firmware upgrade.

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