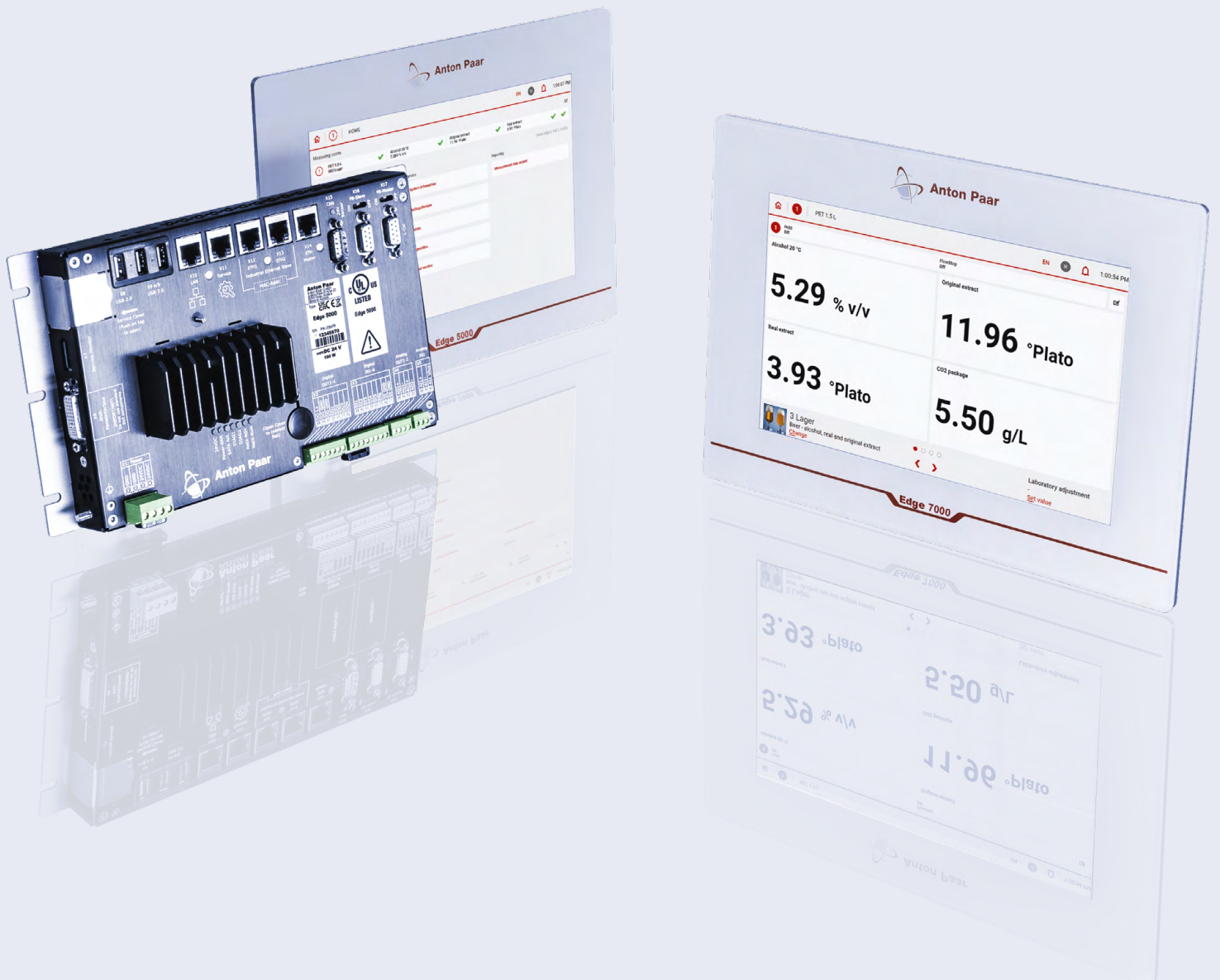# High Performance
Process Controller

Edge 5000 | Edge 7000

Production Monitoring and Quality Control
Simple. Powerful.

Edge 7000 and Edge 5000 are powerful evaluation units designed for enhanced process control, production monitoring, and quality control. With state-of-the-art interfaces and processing power, the Edge platform offers seamless monitoring across multiple devices. Preloaded applications streamline core task management, simplify workflows, and improve efficiency. They are straightforward to operate, so there is no need for specialized training. Moreover, Edge 7000 and Edge 5000 are adept at detecting production and device irregularities, thereby minimizing downtime.
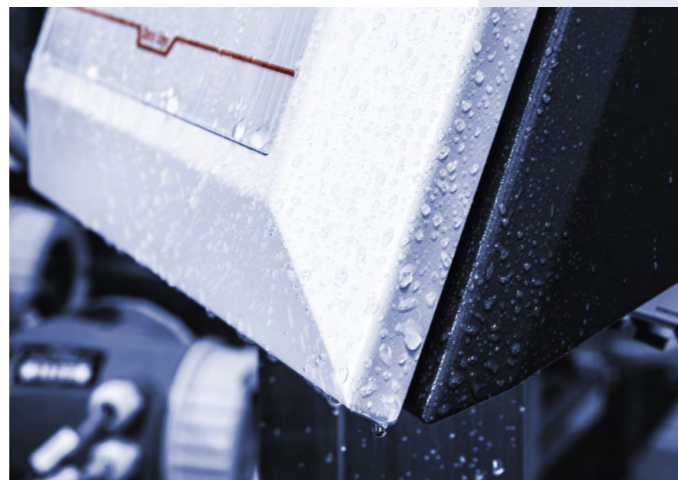
Edge 5000 is the basis instrument with an optional remote HMI display. Edge 7000 has an integrated HMI display. Both Edge 7000 and Edge 5000 have the same user interface, design, and look-and-feel on the local HMI, on the PC connected via web browser, or on any mobile device.

The high-performance HMI offers instant visualization, sophisticated alarm management, dynamic interaction, and a 10.1" screen with multi-touch gestures. In addition, the integrated web server supports platform-independent client-based management and user interface through a remotely connected web browser. Numerous applications are integrated out of the box. These include extract, alcohol and original extract of beer; alcohol measurement in distilleries; measurement of Brix and sweetener in beverages; CO_2 in beer and soft drinks; density; specific gravity; API gravity of petroleum products and density measurement of gases. Custom applications can be uploaded on demand.

FIND OUT MORE

www.anton-paar.com/
apb-edge

1 Home | **2** Measuring point summary | **3** Real-time graphical and numerical visualization
4 Product identification with number, name and photo | **5** Measuring point selection
6 Change dashboard layout (alternative: swipe) | **7** Calibration and adjustment control
8 Multi-language support | **9** Access control | **10** Notifications
11 Limit monitoring indicator | **12** Fanless design – maintenance-free

Data Processing at the Source
Safe. Flexible.

Edge 7000 and Edge 5000 seamlessly integrate into every production setting. With the process controller close to the sensors and the actual process, overall performance is boosted, minimizing reliance on network infrastructure, and enhancing data security and privacy.

Edge 7000 and Edge 5000 are flexible to integrate with a variety of industrial control systems. Collect, process, and securely transfer data from sensors to analytics and applications for higher-level analysis.

The integrated web server means you will always have the same interface regardless of the platform or device. Enjoy the same look and feel from the local touchscreen or remote web browser.

Data handling options for confident compliance

1. Collect data from Anton Paar and third-party sensors

2. Local real-time data analysis, storage, and display with alarm notifications and diagnostics

3. Integrate with existing plant infrastructure using multiple fieldbus interfaces, including analog and digital I/O

4. Display on any device via web HMI

5. Stream data to Davis 5 for recording, storage, visualization, and analysis

The Modular Concept

Versatile installation options and accessories designed to suit individual requirements.

1 Remote HMI Interface
2 Service and Communication (LAN)
3 PROFINET IO or EtherNet/IP
4 CAN Interface (Anton Paar Smart Sensors)
5 PROFIBUS DP
6 L-Col Sensor Interface (Fieldbus Master)
7 Digital and Analog In/Out

Edge 7000: Housing with stand
Streamlined standalone solution featuring an ergonomically optimized touchscreen position and full visibility of the signal lamp.

Edge 7000: Housing wall-mounted
Compatible with VESA standard adapters – easily mountable throughout your production facility.

Edge 5000: Rail mounting inside switch cabinet
Streamlined, display-free setup featuring a fanless, industrial-grade design, ideally suited for cabinet integration via DIN rail mounting.
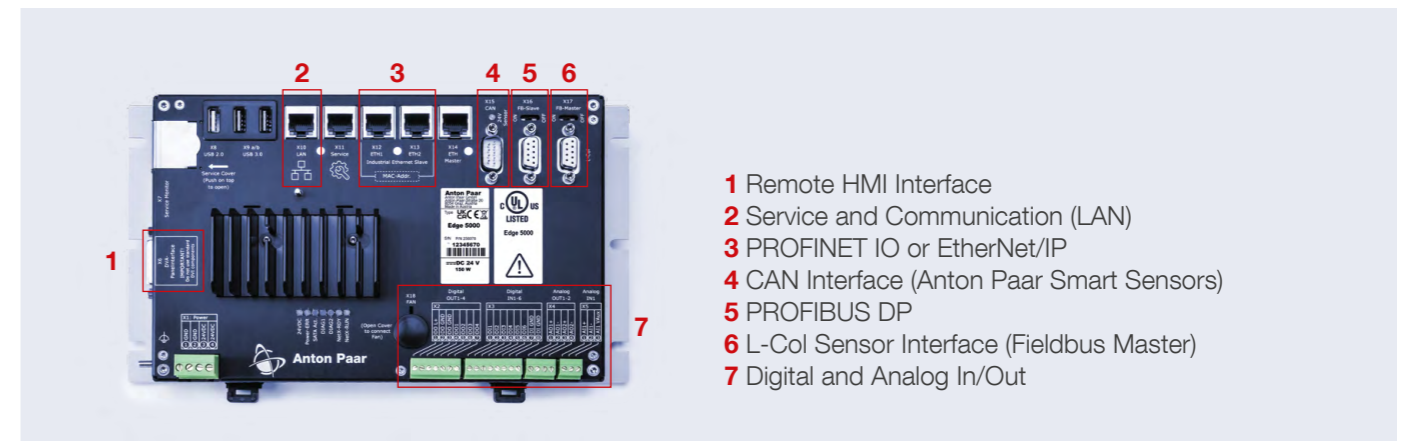
Edge 5000: Inside switch cabinet with HMI in the door
Access all information through the optional HMI, designed to integrate into the door of the industrial cabinet.

Edge 7000 and Edge 5000: Remote access via integrated Web server
Remotely access and control the Edge devices through a network; monitor, manage, visualize and configure online via a web server using standard browsers without the need for any special software.
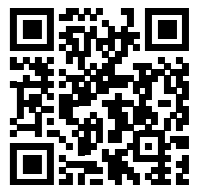
	Edge 5000	Edge 7000
	↓
Dimensions (WxDxH)	Controller: 240 mm x 150 mm x 70 mm
Touchscreen*	10.1" TFT, 1,280 px x 800 px
Power supply	DC 24 V -15 % / +20 %
Power consumption	30 W to 130 W (with/without CAN sensors)
Ambient temperature	-25 °C to +55 °C
Air humidity	0 % to 90 % relative humidity, non-condensing
Degree of protection	HMI front: IP 65; Controller back IP 20
Weight	1.5 kg

*Optional remote HMI for Edge 5000

Reliable.
Compliant.
Qualified.

Our well-trained and certified technicians are ready to keep your instrument running smoothly.

Maximum uptime | **Warranty program** | **Short response times** | **A global service network**

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