

mPDS 5 Evaluation Unit Specifications



Description

Designed for continuous density and concentration measurement in industrial processes. mPDS 5 evaluation unit connects to all Anton Paar transducers such as DPR(n), SPR(n), DSRn, Carbo and L-Vis 510. Raw values from transducers are converted to customer and application specific concentration results. Touch screen, modularity, modern field bus interfaces, the powerful embedded PC, USB, Ethernet (LAN) meet the requirements of modern process industry.

Benefits and outstanding new features

- Large 8.4 " color touch screen, 640 x 480 pixel
- Intuitive operation like on a Windows PC
- Choice of several screen layouts:
 - small and large numerical output fields
 - graphical output fields
- Limit monitoring directly on the screen
- 999 different products with alphanumeric names
- All concentration results can be monitored independently and recorded (30,000 measuring points per batch, 17 batches)
- Easy adjustment with reference values
- Flexible access control by defining users with different user levels
- Ethernet (LAN) interface to PC
- Flexible configuration with up to 5 modules (e.g. analog inputs for additional external transmitters).

Typical applications:

- Alcohol and Original extract in the brewing process
- Brix of soft drinks, juices and liquid sugar
- CO₂ in carbonated beverages
- Alcohol in distilleries
- Concentration of acids, bases and other chemical solutions
- Density, Specific Gravity and API gravity in petroleum industry

