NIR-Online

SECURE YOUR FUTURE
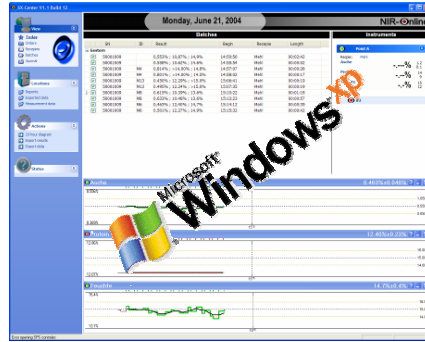
NIR-Online

NIR-Online

NIR-Online

®

X-One

- ⦿ Cost-effective solution
- ⦿ Easy to install
- ⦿ Zero down-time
- ⦿ Suitable for any environment
- ⦿ No limitations in applications
- ⦿ Compact and rugged device

The Instrument is equipped with an automatic internal reference and a dual light-source, which allows continuous operation for 2 years. A Diode Array base spectrometer is used due to its superior speed of measurement and unique ability to correctly acquire measurements of moving samples. This allows assessment of average process properties as well as homogeneity.

X-Two

The second model is additionally equipped with a camera, to facilitate assessment of colour and structural properties. This gives the system unique capabilities offering monitoring of both chemical and visible properties.
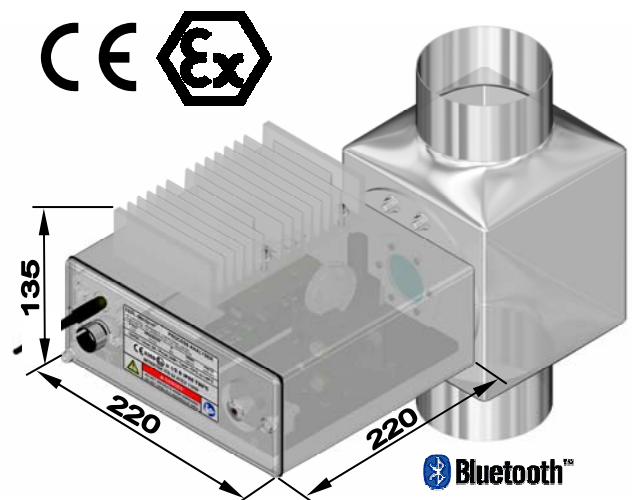
SX-Center

- ⦿ Management of Orders and Recipes
- ⦿ Control of Mixtures with Target point recognition
- ⦿ Surveillance of Target-values and tolerances
- ⦿ Automatic process documentation
- ⦿ Use up to four X-One/X-Two instruments displayed on up to four monitors
- ⦿ Measured values may be output to all commercially available interfaces

Using the SX-Center software you can constantly monitor or control your manufacturing process. The easy-to-use software, the simple integration of measured values and process information as well as the automated documentation gives you a 100% trace ability of your production.

Manual sampling and gaps there in are removed. Now you can optimise your process, avoid rejects, minimize usage of high quality material and standardise your product for commercial success.

Technical Specifications

- ⦿ Ex protection class 1/2 D T80°C
- ⦿ Pressure resistant up to 40 Bar
- ⦿ MTBF > 18'000h
- ⦿ Opt. measuring area Ø 40mm
- ⦿ High resolution colour CCD camera / X-Two
- ⦿ DA-Spectrometer: 350-1750nm or 350-920nm or 950-1750nm
- ⦿ Typical measurement time: 30ms
- ⦿ Interface: BlueTooth™ up to 100m, RS422 up to 2km
- ⦿ Software for Windows XP
- ⦿ Stainless steel housing IP65
- ⦿ Size 200x220x135mm
- ⦿ Mount ⌀140 4xM6, Optic ⌀60
- ⦿ Weight 5kg
- ⦿ Supply 12V, 2A
- ⦿ Vibrations 0.2G 0.1-150Hz
- ⦿ Ambient temperature -10 to 40°C
- ⦿ Relative humidity <90% no condensing

SECURE YOUR FUTURE