SIEMENS
Ingenuity for life

Process Instrumentation

Control at your fingertips
with SIWAREX WT231 and WT241 weighing terminals

Need a stand-alone weighing display for an application? Excellence in data processing and control? A large ready-for-use Touch Panel display? Accurate weighing measurements? Put it all together in a single durable system and you have Siemens SIWAREX WT231 and WT241 weighing terminals.

Easy to program with the Touch Panel, Siemens weighing terminals just made SIWAREX weighing processing accessible anywhere!

The whole package – proven quality, highly accurate, and easy to use!

SIWAREX weighing terminals have both the brains and the brawn in the same package, with measurements displayed on a 4-inch wide, color display.

The terminals can be used in a variety of industries:

• steel
• food and beverage
• pharmaceuticals and chemicals
• mining and cement production

Built on experience – With over 50 years of experience providing products for weighing solutions Siemens terminals contain the functionality to meet your industrial weighing needs.

Robust housing – made of stainless steel and an IP65 degree of protection, Siemens terminals are built to withstand abuse and time.

Ease of configuration – all settings and parameters can be adjusted using the Touch Panel. Intuitive operation enables fast parameter assignment and commissioning.

Stand alone or integrated – Use an RS-485 Modbus RTU interface to integrate directly into conventional operations environments, to provide readings to a control room.

SIWAREX WT231

The core of this system is the highly accurate SIWAREX WP231 weighing module, suitable for use with a wide range of loadcells.

For use in basic weighing applications such as platform scales or bin weighing. The comprehensive diagnostics options, such as checking weight progression or monitoring and reporting limit values, increase process reliability.

SIWAREX WT241

With a powerful SIWAREX WP241 weighing module as the brains of this system, this terminal combines the high accuracy of Siemens belt scales and the processing control of SIWAREX modules.

A simulation mode for belt speed and load can be run without even having to connect a scale or speed sensor, and provides a complete application test. In addition, an internal recovery point saves all of the system settings so that they can be restored at any time.
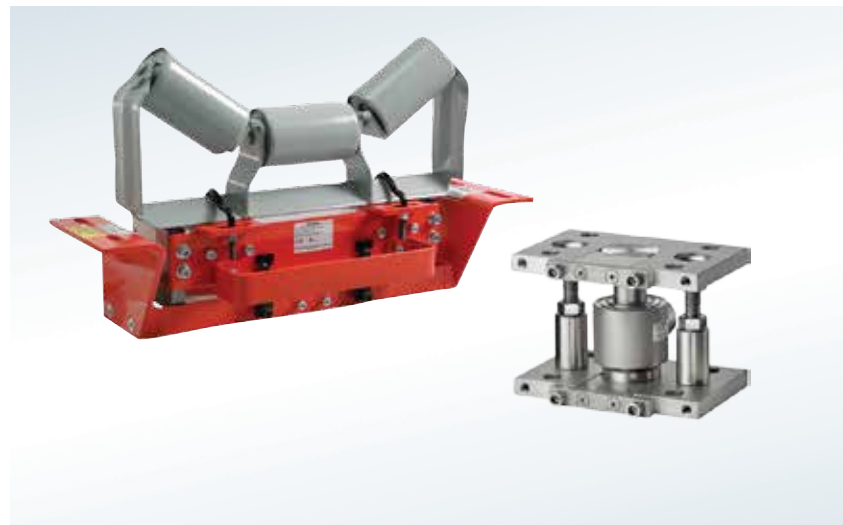
- Easy to read and high resolution 4" large screen with 256 colors and 480 x 272 pixels resolution.
- Intuitive configuration.
  Easy to follow graphics and prompts helps you get your system up and running quickly.
- Visual process indicators for your application show when high and low limits have been exceeded.
- Heavy duty enclosure for harsh and washdown applications.

Standard Parameter	SIWAREX WT231/SIWAREX WT241
Weighing module	SIWAREX WT231: based on SIWAREX WP231 SIWAREX WT241: based on SIWAREX WP241
Resolution	up to +/- 4 million parts
Measuring rate/cycle	10 ms/100 Hz
Interfaces	RS485 Modbus RTU 4 digital inputs (floating) (SIWAREX WT241: one used for speed sensor) 4 digital outputs (floating) 1 analog output (0/4...20 mA)
Display	Siemens Touch Panel; 4 inch TFT
Material of housing	Stainless steel 1.4301
Power supply	100...240 V AC ± 12%
Temperature range	Vertically mounted: 0 ... 104°F
Degree of protection	IP65
Dimensions (WxHxD)	10.4"× 7.3" × 3.7"
Weight	8.8 lbs.
Article number	SIWAREX WT231: 7MH4965-2AA01 SIWAREX WT241: 7MH4965-4AA01

Siemens SIWAREX modules are installed in thousands of applications across the globe. If required, the weighing terminals can also be integrated into automated control systems to give operators complete control of their process from a centralized location too.

Measuring everything that matters:
usa.siemens.com/pi

Siemens Process Instrumentation offers best-in-class measurement and seamless integration into your automation system. We are the total solution provider for flow, level, pressure, temperature, weighing, positioners and more.

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