

GENERAL

Brand Cimbria
Model Unitest - Software

The Unitest system can be used in all types of grain storage facilities and can be installed in both new and existing installations. The temperature is constantly monitored by means of a number of sensors which are fitted in carrying cables specially designed for installation in harsh environments.

The Unitest 5G software is a software working in the MS Windows environment.

All system and process data are saved in a database configured for each individual storage plant.

The database structure makes it easy to organize, operate and maintain the data as well as dynamic data exchange with other computer systems are available.

The software contains the following facilities:

Actual Temperature

The software will produce a read out of the actual temperature of each individual sensor.

Temperature change

Every hour the delta temperature is calculated in order to give the user a clear view of the temperature development in the grain.

Setting of alarm values

The user has the option of setting alarm values for both actual temperature and temperature changes. The alarm values can be set on the entire silo, cable or the individual sensor.

Temperature Trends

The Unitest 5G generates temperature trends for 24 hours, 1 week, 2 weeks, 1 month and for 1 year.

Storage Plant View

A complete view of the silos gives the user the possibility of choosing the specific silo to be displayed.

Display of Grain Level

The grain level in the silo can with a manual function be displayed in the set-up menu. The grain level indicates which sensors are in the grain and which are not.

Alarms According to Level

This feature has the effect that no alarms are generated on sensor outside the grain.

Silo Information

For each silo there are two lines on which the operator can write different information regarding the content of the silo.

Program Languages

The Unitest 5G software is available in all alphabets and languages supported by MS Windows.

Additional Alarms

Alarms for communication errors are also generated.

Communication

The software is prepared for RS232 converter and Ethernet communication.

Help Function

The Unitest 5G contains an on-line user's manual. Giving instant help to the operator.

Print Out

A print out of all data is available.

