

UX Data Channel

Version 5.1.2
Release Date: July 2010

General

The UX Data Channel software is necessary to send data from an UX Moisture Analyzer to a PC via the serial port.

The data can be exported into four different data types: .xls; .html; .xml; .txt.
The software works together with UX moisture Analyzers series UX 2001 ... 2031. It is delivered together with an Adapter Serial to USB and a serial cable.

Installation

Installation of the USB Adapter

1. Install the driver for your operating system (here WIN XP) from the installation CD.
2. Connect the serial cable together with the USB Adapter to the PC
3. Set the serial interface in the hardware manager, look for a "Prolific USB to Serial device to: Baud rate: 1200; Data bits: 7; Parity: space; Stop bits: 1; handshake: no
4. Under "extended" choose a "No". for the serial interface, e.g. COM 4
5. Connect the serial cable to the moisture Analyzer.

Installation of UX Data Channel

6. Start "setup" from the installation CD.
7. The installation is explained during the installation procedure
8. Start UX Data Channel with the icon
9. Make the same settings in the Data Channel than in the device manager.

User interface

Menu File

New measurement

This starts a new empty sheet.

Export measurement sheet

After the end of a measurement the sheet can be exported into the data types .xls; .html; .xml; .txt.

Menu Settings

Serial Transfer

Here the serial port can be set.
UX Moisture Analyzers need the following settings:

Baud rate: 1200
Data bits: 7
Stop bits: 1
Parity : No

Use the Windows colors to adjust the Data Channel.

Language

Choose English or German

Buttons

1. New measurement
2. Export into the Excel data type
3. Export into the HTML data type
4. Export into the XML data type
5. Export into the TXT data type
6. Setting the serial port

Operations

In the menu of the UX Moisture Analyzer the item "PRINT" must be set to "1". Otherwise no data would be sent via the serial port.

1. Start a new sheet with button 1 before every new measurement
2. Put a sample on the bowl and start the measurement, the first data are sent
3. After the end of the measurement the rest of the data are sent
4. Export the sheet by using one or more of the appropriate export buttons