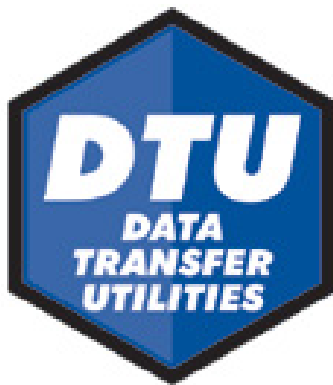




DTU

Data Transfer Utilities Software
User manual



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DTU Software general

The DTU software allows you to send data from your Digi-Star indicator to your PC. The DTU software can work with all Digi-Star communication devices (DataKey, DDL module and Memory Card). It also allows you to connect your indicator directly to you PC and receive streaming data or send commands.

Follow the installation instruction on Page: 2. Select the communication device that you use and follow the manual instructions. Check the indicator manual for the data and print formats that you can send to your PC.

Minimum System Requirements

Make certain that your system includes the following hardware and software. These are the minimum system requirements to run DTU

- A Pentium™ 100 or better PC
- Microsoft Windows 95/98 and higher
- 100 Meg Free disk space
- 32 Meg Ram
- CD Drive
- A serial port*/USB to serial Adapter
- Printer
- Internet connection

Install Software:

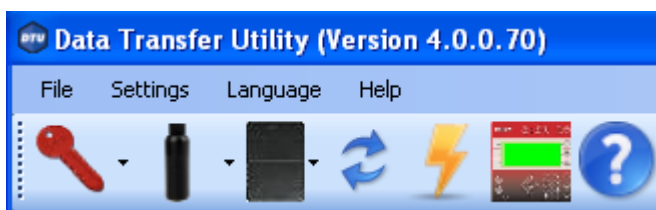
1. Insert the DTU CD into your CD-ROM drive.
2. From your Windows start menu, select RUN.
3. Select BROWSE on your CD drive, select Setup.exe.
4. Click Open.
5. Click OK.
6. Follow the installation prompts from the software.

Data Transfer Utilities

Main screen



Explanation of buttons



- All DataKey functions



- All DDL functions



- All Mem Card function



- Streaming data



- Scale Data logger



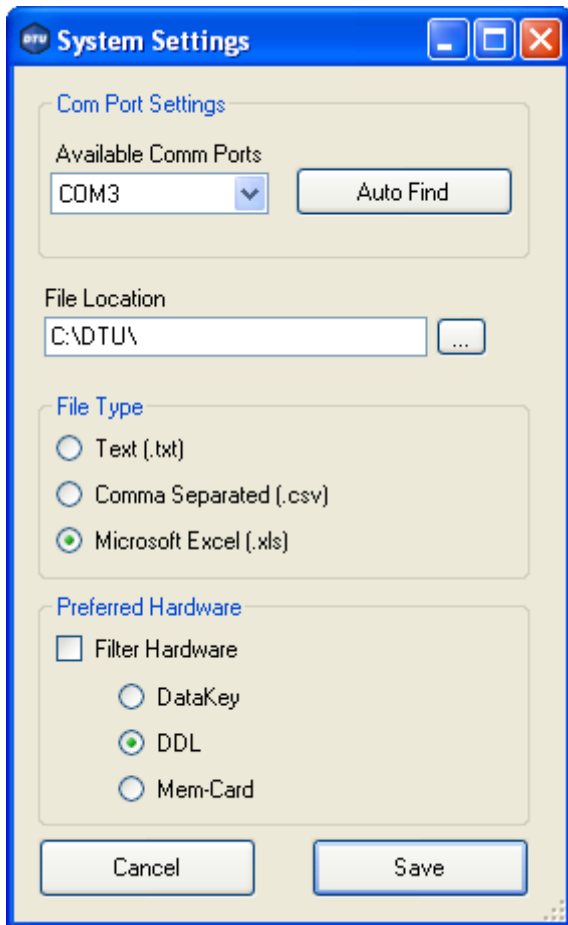
- Scale emulator



- Help menu

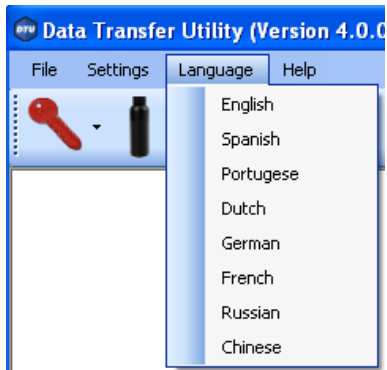
Settings

System settings



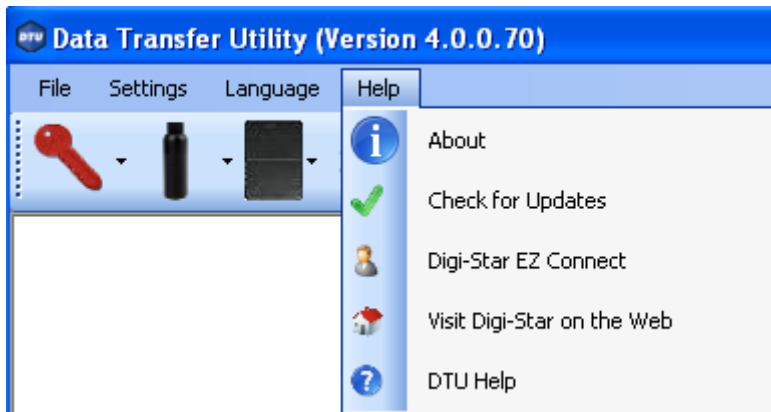
- **Com Port Settings:** This is the pre-defined port. Choose “Auto Find” to automatically find the Com Port the device is connected to.
- **File Location:** This is the default location on your PC where the data will be saved
- **File Type:** This is the default file type.
- **Preferred Hardware:** Select the hardware device that you use. Check the “Filter Hardware” box to only show the selected hardware device on the main screen

Language



- Select desired language

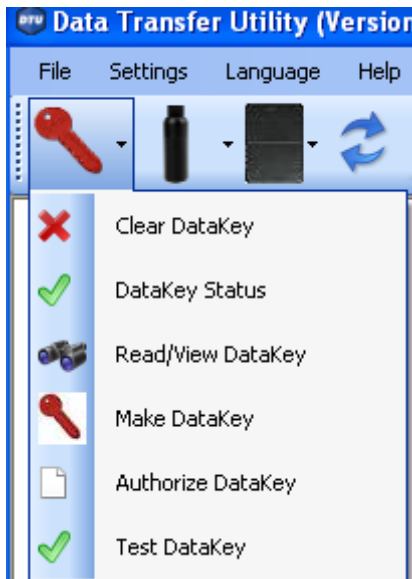
Help



- About: shows software version information
- Check for updates: Check on line for available updates
- Digi-Star EZ connect: For on line support
- Visit Digi-Star on the web: Go to Digi-Star web site
- DTU Help: View help files

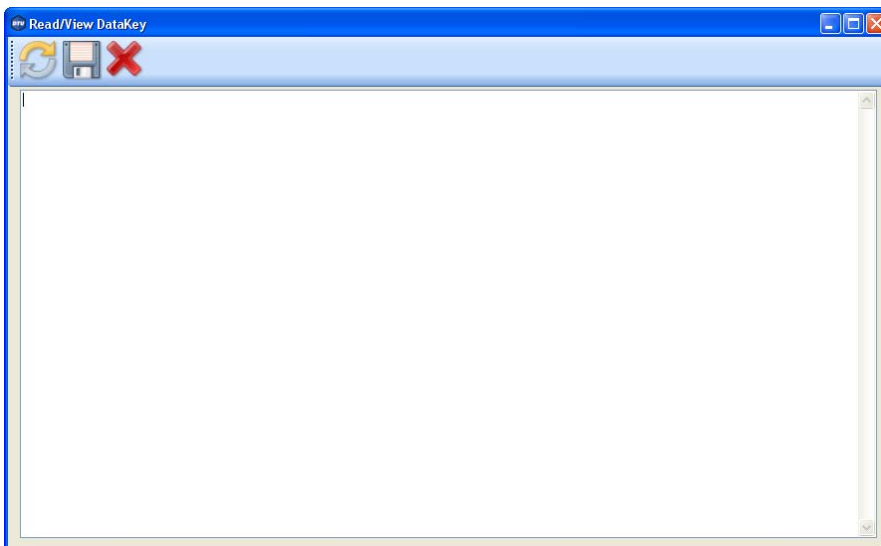
DataKey operations

The DataKey can be used for sending and receiving feeding and group data to your Digi-Star EZ3600V and EZ4600 indicators.



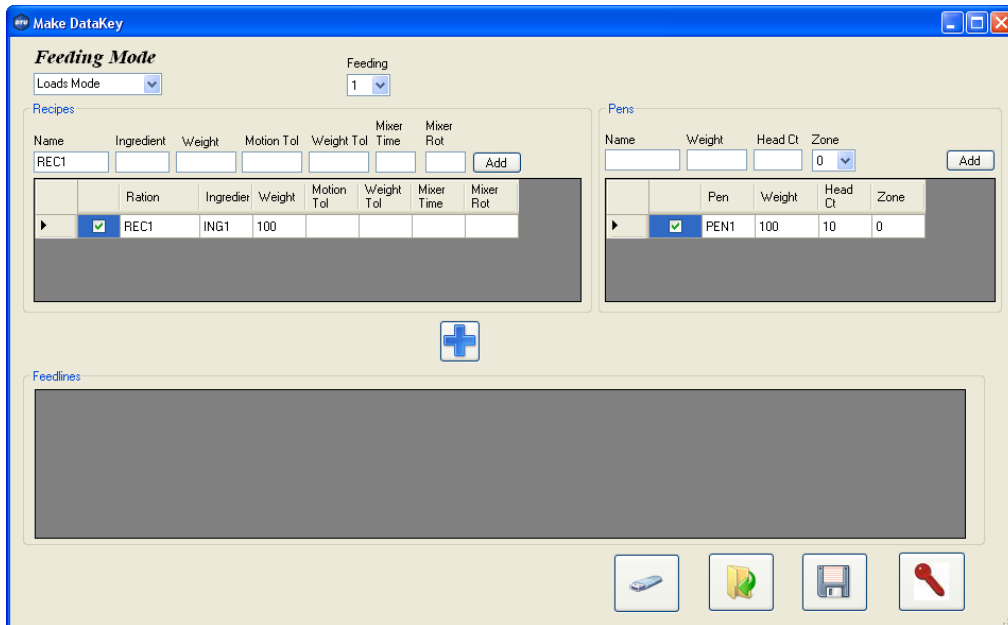
- Clear DataKey: Delete all data from DataKey
- DataKey status: This will get the current status of a Digi-Star DataKey that is connected to your PC via a Docking Station






Read/View DataKey



- Click the arrows button to retrieve the information from the Digi-Star DataKey
- Click the Save button to save what is on-screen.
- Click the Delete button to delete what is on-screen.

Make DataKey



- Choose the Feeding Mode that you want to feed in. (list or Loads mode)
- Choose the Feeding number.
- Enter the Recipes – enter all ingredients of each recipe
- Enter the groups you want to feed
- Check the Recipe that you want to send to the DataKey
- Check the Group(s) that you want fed that recipe to.
- Click the 
- Click the  button to send the Feed lines to a Digi-Star DataKey
- Click the  button to send the Feed lines to a USB
- Click the  to Save the Feed lines to your PC
- Click the  to load in Feed lines that were previously saved to your PC
- Authorize DataKey: Authorize DataKey (Contact you dealer before using this function)
- Test DataKey: Test DataKey

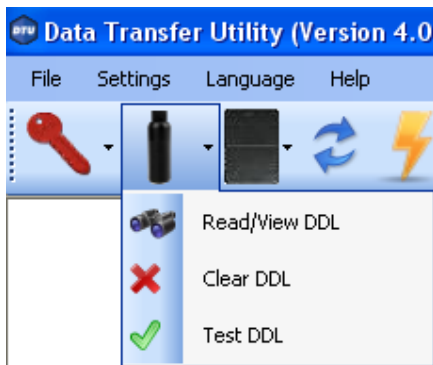
DDL operations

The DDL can be used for transferring weight, feeding, field and other information from the Digi-Star GT400, EZ2400V and EZ3400V indicators to a PC.

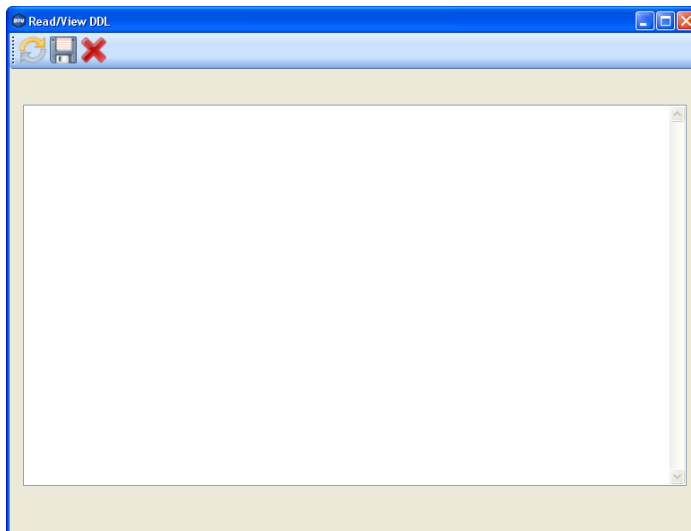
Check the indicator manual for the available data print formats.




Note: In order to store data from the indicator to the DDL, the DDL module has to be connected to the serial port of your indicator at any time. The indicators mentioned above have NO internal memory so without the DDL installed no data will be stored.

Use the in the DDL kit included serial cable (and if required USB converter) to connect DDL module to PC.



Read/View DDL

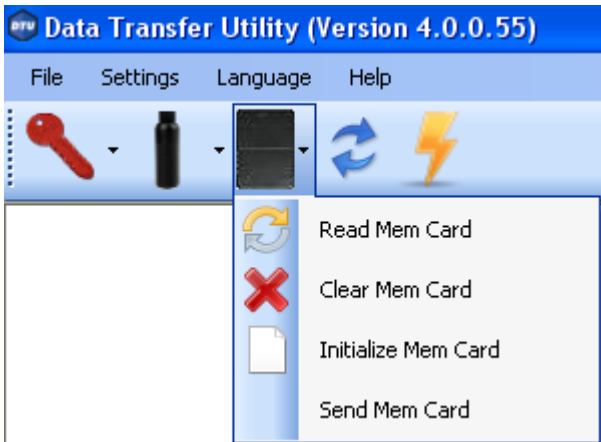


- Click  to Read the DDL
- Click  to Save what is on screen
- Click  to Delete what is on screen

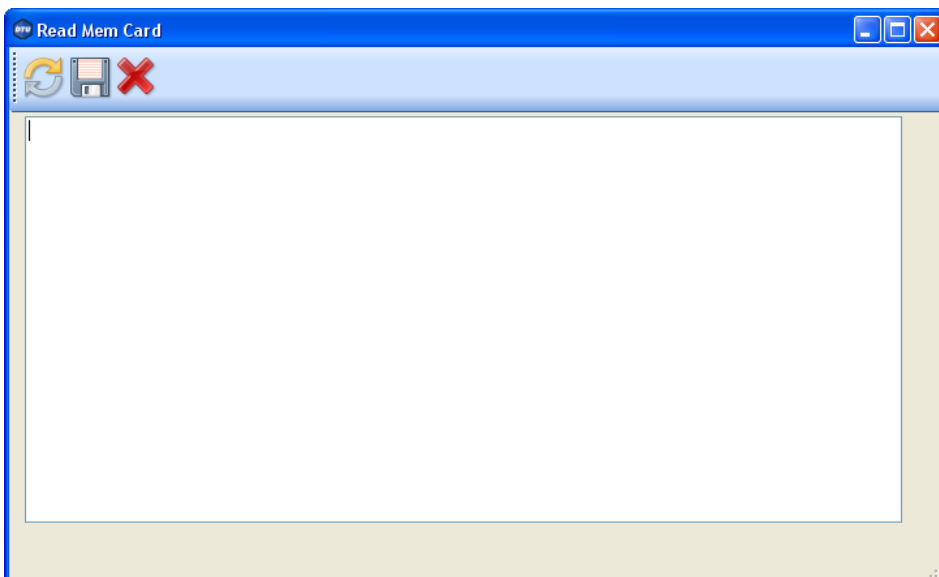
- Clear DDL: Delete all data from DDL
- Test DDL: Test DDL




Mem Card operations

For use with the Tyrell feeding system.



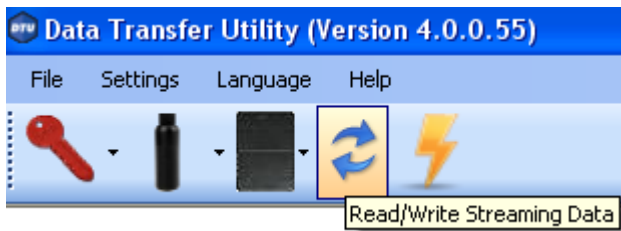
Read Mem Card



- Click  to Read the Mem Card
- Click  to Save what is on screen
- Click  to Delete what is on screen

Streaming Data

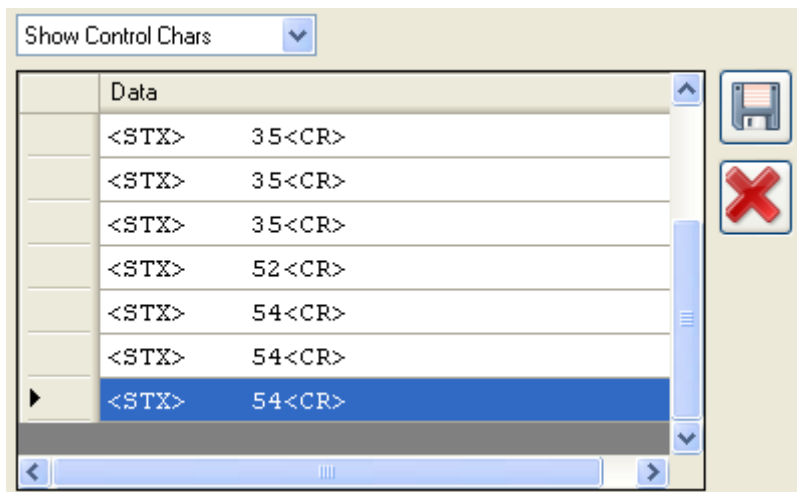
The Streaming Data screen is designed to send and receive information through a RS232 connection and display/save that information.



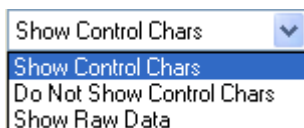
- Step 1 – Set the Communication Port



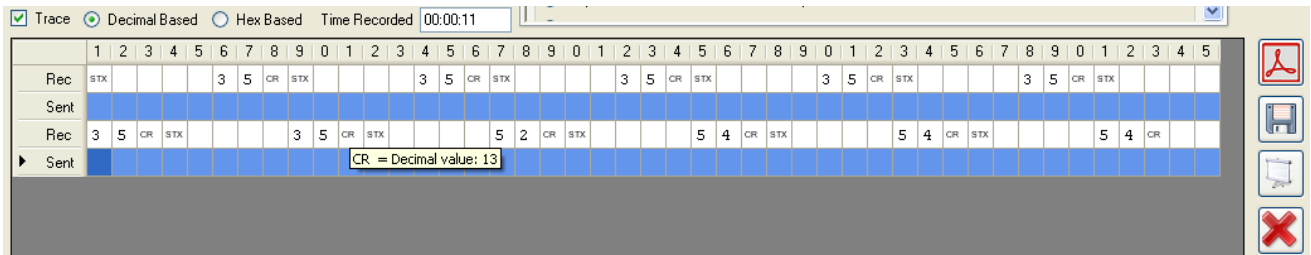
- Step 2 – Start/Open the Communication Port by clicking 
 - Click the  button to pause the process.
 - Information will be displayed in:



- You can click the Save button to save and the Delete button to clear this area.
- You can also select following to filter the results

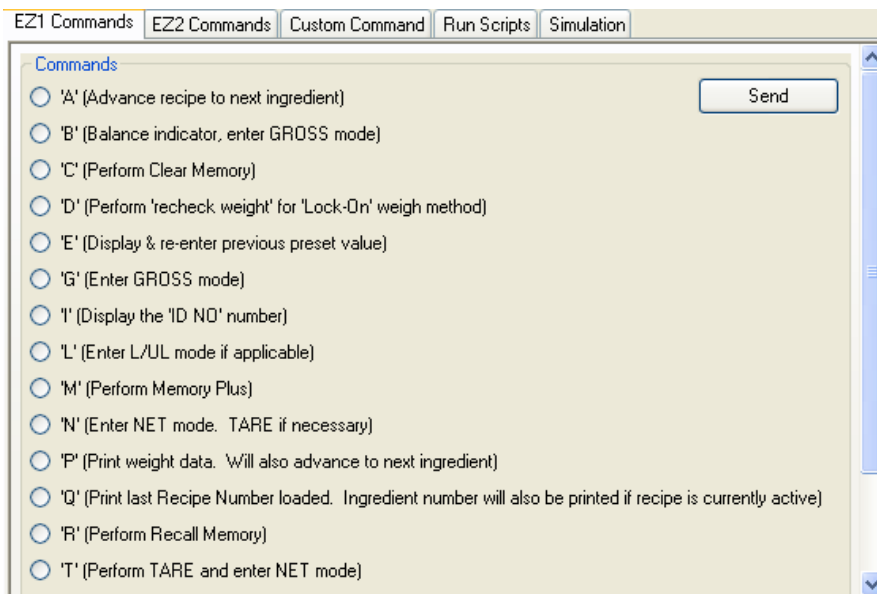


- Information is also displayed as



- Trace will “turn on” and “turn off” this window.
- Decimal/Hex Based: when your mouse “hovers” over an item, an automatic window will display the value.
- Time Recorded: displays how long you have been Sending/Receiving information
- You also have the ability to Save/Print in many formats using the buttons on the right.

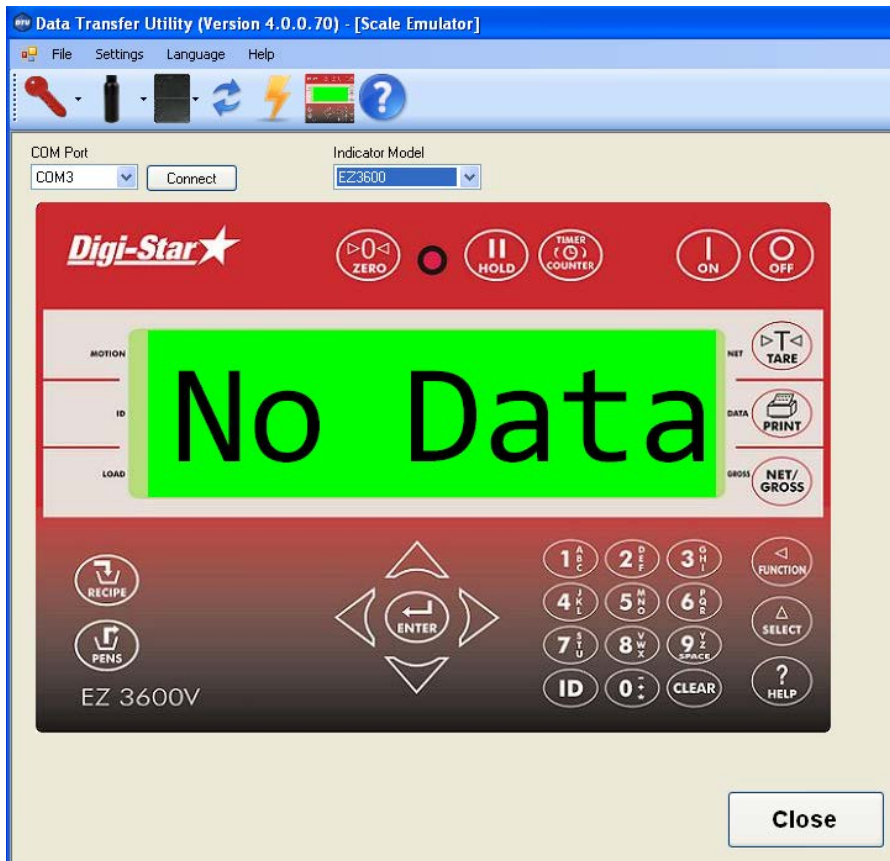
Sending Information



- EZ1 Commands: Listing of all Digi-Star EZ1 commands
- EZ2 Commands: Listing of several of the Digi-Star EZ2 Commands
- Custom Command: Ability for you to build/send any command
- Run Scripts: Ability to read in a Text file that contains a list of commands and send them out one at a time.
- Simulation: Ability to read in a Text file that contains a list of commands and send them at a specific frequency.

Scale Emulator

The scale emulator allows you to view the selected indicator by selecting indicator and com port.



- o Press close to exit.

