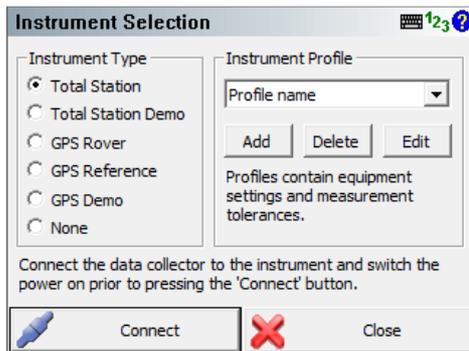


Leica 703

Procedure

1. Turn on and Level the instrument.
2. On your instrument, press Shift + PROG to open the System Menu. Press 3 for all settings, then press 4 for PC Communication. Make sure the following settings are set:
 - Baudrate = 19200
 - Databits = 8
 - Parity = None
 - Endmark = CR/LF
 - Stopbits = 1
3. Open FieldGenius or EVR, open a project and navigate to Menu Home | Settings | Instrument Selection.

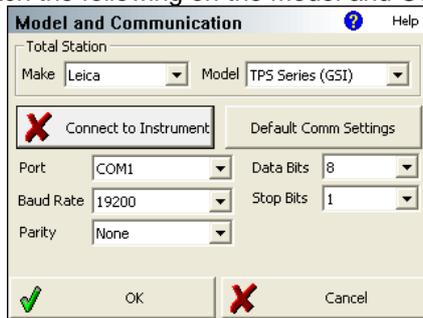


Depending on the type of instrument you are connecting with select Total Station, GPS Rover or GPS Reference (Base)

Pick Add, type a name for the profile you are creating and pick Save:

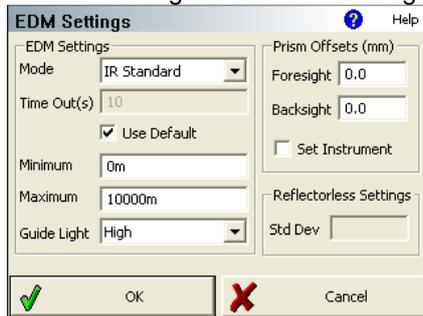
Pick Edit and configure your Profile with the settings that follow.

4. Match the following on the Model and Communication screen.



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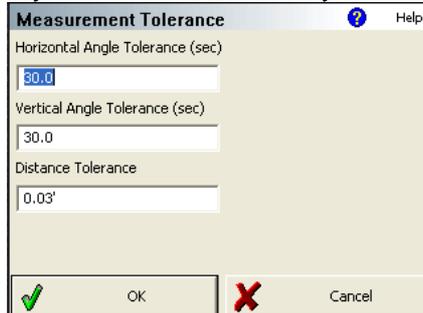
5. Match the following on the EDM Settings screen.



The EDM Settings dialog box contains the following fields and controls:

- EDM Settings** (Title bar)
- Mode**: IR Standard (dropdown)
- Time Out(s)**: 10 (text input)
- Use Default** (checkbox)
- Minimum**: 0m (text input)
- Maximum**: 10000m (text input)
- Guide Light**: High (dropdown)
- Prism Offsets (mm)**: Foresight 0.0, Backsight 0.0 (text inputs)
- Set Instrument** (checkbox)
- Reflectorless Settings**: Std Dev (text input)
- Buttons**: OK (with green checkmark icon), Cancel (with red X icon)

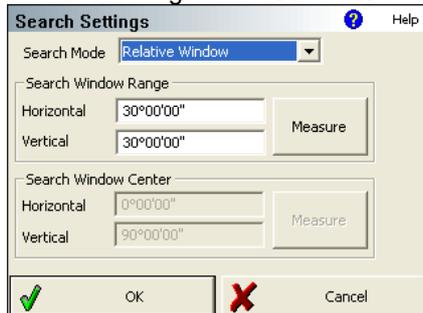
6. Specify the multiset tolerances you want to use on the Tolerance Settings screen.



The Measurement Tolerance dialog box contains the following fields and controls:

- Measurement Tolerance** (Title bar)
- Horizontal Angle Tolerance (sec)**: 30.0 (text input)
- Vertical Angle Tolerance (sec)**: 30.0 (text input)
- Distance Tolerance**: 0.03' (text input)
- Buttons**: OK (with green checkmark icon), Cancel (with red X icon)

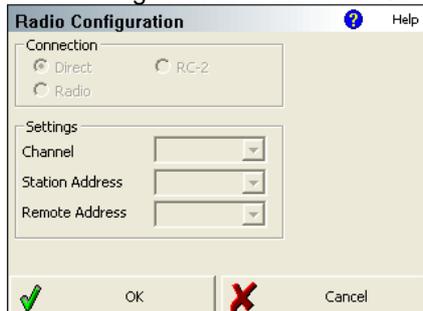
7. Match the following on the Search Settings screen.



The Search Settings dialog box contains the following fields and controls:

- Search Settings** (Title bar)
- Search Mode**: Relative Window (dropdown)
- Search Window Range**: Horizontal 30°00'00", Vertical 30°00'00" (text inputs), with a **Measure** button
- Search Window Center**: Horizontal 0°00'00", Vertical 90°00'00" (text inputs), with a **Measure** button
- Buttons**: OK (with green checkmark icon), Cancel (with red X icon)

8. There is nothing to set on the Radio Configuration screen.

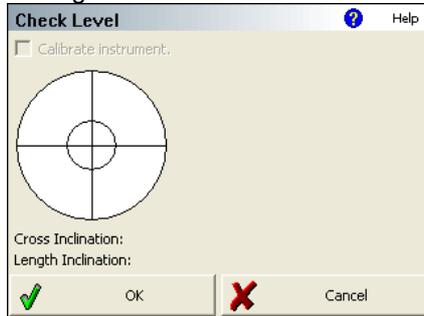


The Radio Configuration dialog box contains the following fields and controls:

- Radio Configuration** (Title bar)
- Connection**: Direct (selected radio button), Radio (radio button), RC-2 (radio button)
- Settings**: Channel, Station Address, Remote Address (dropdown menus)
- Buttons**: OK (with green checkmark icon), Cancel (with red X icon)

Quick Start Guide

9. There is nothing to set on the Check Level screen. You will see this screen when you try connecting to the instrument.



10. Switch back to the Model and Communication screen. Press the Connect to Instrument button and if you successfully connect you will see a green check mark, and the Check Level screen will appear. Have fun!