# PENKO Engineering B.V.

Your Partner for Fully Engineered Factory Solutions



How to... Backup or restore your SGM7xx or SGM8xx



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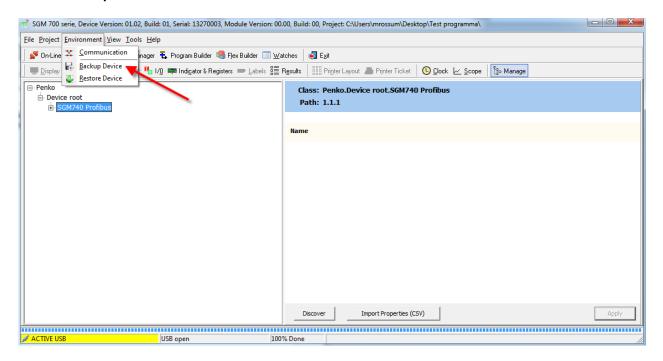
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|---------|---|
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This will back up all your parameter settings and calibration points.

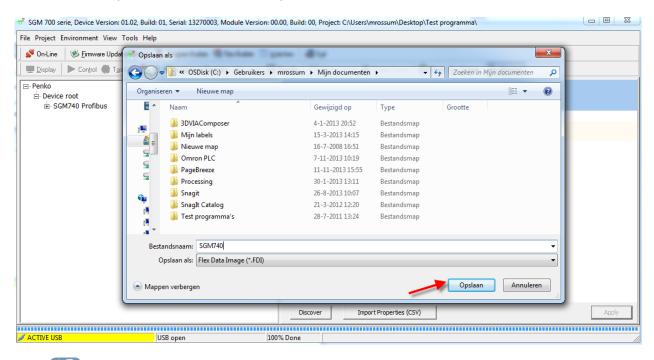
## Backup

Connect the SGM7xx/SGM8xx to a PC using a USB-cable and open Pi Mach II. Click on **Environment** and click on **Backup Device**.



Select the folder you want to save the backup file and click Save.

an ETC Company



# The backup will begin.

| 🕇 SGM 700 serie, Device Version: 01.02, Build: 01, Serial: 13270003, Module Version: 00.00, Build: 00, Project: C:\Users\mrossum\Desktop\Test programma\ 📼 🗵 |                                                                                               |                                                    |                                          |       |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------|--|
| File Project Environment View Tool                                                                                                                           | ls Help                                                                                       |                                                    |                                          |       |  |
| 💕 On-Line 🛛 🛞 <u>F</u> irmware Update Ma                                                                                                                     | anager 🚡 Program Builder 🥞 Fjex Builder 🔲 Watches                                             | 🛃 E <u>x</u> it                                    |                                          |       |  |
| Display Control 🌒 Tasks                                                                                                                                      | 🛂 1/0 🚎 Indigator & Registers 📼 Labels 🚆 Results                                              | 🔡 Pri <u>n</u> ter Layout 📕 Printer Ticket 🛛       | 🕒 <u>C</u> lock 🗠 <u>S</u> cope 👔 Manage |       |  |
| ⊖ Penko<br>⊖ Device root<br>⊕ SGM740 Profibus                                                                                                                |                                                                                               | ass: Penko.Device root.SGM740 P<br>ath: 1.1.1<br>e | rofibus                                  |       |  |
|                                                                                                                                                              | Erasing the Flash takes a while.<br>Do not close the application unti<br>Backup progress 73 % | l ready.                                           | Close                                    |       |  |
|                                                                                                                                                              |                                                                                               | Discover Import Properties (CSV)                   |                                          | Apply |  |
| 🖉 ERROR USB                                                                                                                                                  | USB open 0% Done                                                                              |                                                    |                                          |       |  |
| ,                                                                                                                                                            |                                                                                               |                                                    |                                          |       |  |
| PI Mach II                                                                                                                                                   |                                                                                               | ×                                                  | <b>J</b>                                 |       |  |

| PI Mach II          | ·                                             |
|---------------------|-----------------------------------------------|
| Image saved to file | C:\Users\mrossum\Documents\SGM740_id0624.FDI. |
|                     | ОК                                            |



# Restore

This will load all your parameter settings and calibration points.

| $\pi^2$ SGM 700 serie, Device Version: 01.02, Build: 01, Serial: 13270003, Module Version: 00 | 0.00, Build: 00, Project: C:\Users\mrossum\Desktop\Test programma\ |       |  |  |  |  |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------|--|--|--|--|
| Eile <u>P</u> roject Environment <u>V</u> iew Iools <u>H</u> elp                              |                                                                    |       |  |  |  |  |
| 💕 On-Line 💥 Communication 🔐 nager 🐔 Program Builder 🧐 Flex Builder 🥅 Watches 🛛 🗐 Exit         |                                                                    |       |  |  |  |  |
| Display 💀 Backup Device 🔒 1/0 🚎 Indigator & Registers 🗩 Labels 🔮                              | Results 💠 Printer Layout 📥 Printer Ticket 🕓 Clock 🗠 Scope 🕼 Manage |       |  |  |  |  |
| Restore Device                                                                                | Class: Penko.Device root.SGM740 Profibus                           |       |  |  |  |  |
|                                                                                               | Path: 1.1.1                                                        |       |  |  |  |  |
| GGM740 Profibus                                                                               |                                                                    |       |  |  |  |  |
|                                                                                               | Name                                                               |       |  |  |  |  |
|                                                                                               |                                                                    |       |  |  |  |  |
|                                                                                               |                                                                    |       |  |  |  |  |
|                                                                                               |                                                                    |       |  |  |  |  |
|                                                                                               |                                                                    |       |  |  |  |  |
|                                                                                               |                                                                    |       |  |  |  |  |
|                                                                                               |                                                                    |       |  |  |  |  |
|                                                                                               |                                                                    |       |  |  |  |  |
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|                                                                                               |                                                                    |       |  |  |  |  |
|                                                                                               |                                                                    |       |  |  |  |  |
|                                                                                               |                                                                    |       |  |  |  |  |
|                                                                                               |                                                                    |       |  |  |  |  |
|                                                                                               | Discover Import Properties (CSV)                                   | Apply |  |  |  |  |
|                                                                                               |                                                                    |       |  |  |  |  |
| V ERROR USB USB open 0%                                                                       | Done                                                               |       |  |  |  |  |

Click on **Environment** and click on **Restore Device**.

Open the folder where you have your back up file (.FDI file) and click on **Open**.

| Project Environment View          |                      |                               |                         |                          |                 |   |
|-----------------------------------|----------------------|-------------------------------|-------------------------|--------------------------|-----------------|---|
| on-Line 🛛 🛞 <u>F</u> irmware Upda |                      | Tartan Typera @10             |                         |                          |                 |   |
| 📕 Display 📄 🕨 Control 🌰 Ta        | Mathieu v            | an Rossum 🕨 Mijn documenten 🕨 | •                       | <b>∢</b> → Zoeken in Mij | in documenten 🔎 |   |
| ⊡ · Penko                         | Organiseren 👻 Nieuwe | : map                         |                         |                          | ··· ·           |   |
| □ SGM740 Profibus                 | 🔶 Favorieten         | Naam                          | Gewijzigd op            | Туре                     | Grootte         |   |
| - 1.1.1.1 Name =                  | 📃 Bureaublad 😑       | 3DVIAComposer                 | 4-1-2013 20:52          | Bestandsmap              |                 |   |
|                                   | \rm Downloads        | 📔 Mijn labels                 | 15-3-2013 14:15         | Bestandsmap              |                 |   |
|                                   | 📃 Recente locaties   | 🌗 Nieuwe map                  | 16-7-2008 16:51         | Bestandsmap              |                 |   |
| WELMEC                            | 🐌 TRANSP             | 🌗 Omron PLC                   | 7-11-2013 10:19         | Bestandsmap              |                 |   |
| 🗄 Control                         |                      | 📙 PageBreeze                  | 11-11-2013 15:55        | Bestandsmap              |                 |   |
|                                   | 詞 Bibliotheken       | Processing                    | 30-1-2013 13:11         | Bestandsmap              |                 |   |
|                                   | E Afbeeldingen       | 퉬 Snagit                      | 26-8-2013 10:07         | Bestandsmap              |                 |   |
|                                   | Documenten           | 퉬 SnagIt Catalog              | 21-3-2012 12:20         | Bestandsmap              |                 |   |
|                                   | 🌙 Muziek             | 퉬 Test programma's            | 28-7-2011 13:24         | Bestandsmap              |                 |   |
|                                   | Video's              | SGM740_id0624.FDI             | 15-11-2013 9:11         | FDI-bestand              | 33 kB           |   |
|                                   | 🖳 Computer 🚽         |                               |                         |                          |                 |   |
|                                   | Bestan               | dsnaam: SGM740_id0624.FDI     |                         | ✓ Flex Data Imag         | je (*.FDI) 🔻    |   |
|                                   |                      |                               |                         | Openen                   | Annuleren       |   |
|                                   |                      | Discover                      | Import Properties (CSV) | 1                        |                 | A |



# The restoring will now begin.

| SGM 700 serie, Device Version: 01.02, Build: 01, Serial: 13270003, Module Version: 00.00, Build: 00, Project: C:\Users\mrossum\Desktop\Test programma\                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |                                                                                                   |       |  |
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| File Project Environment View Tools Help                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                       |                                                                                                   |       |  |
| 🛛 💕 On-Line 🛛 🛞 Eirmware Update Manager                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 🗜 Program Builder 🧠 Flex Builder 🔲 Wate | ches 🛃 E <u>x</u> it                                                                              |       |  |
| 📗 🛄 Display 🛛 🕨 Control 🌰 Tasks 🛛 🏪 🛛                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0 🚎 Indicator & Registers 📼 Labels 📒 R  | tesults 💠 Printer Layout 🦾 Printer Ticket 🛛 📀 Clock 🗠 Scope 🔀 Manage                              |       |  |
| Display Device root |                                         | Class: Penko.Device root.SGM740 Profibus<br>Path: 1.1.1<br>Name<br>a while.<br>ation until ready. |       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                         | Discover Import Properties (CSV)                                                                  | Apply |  |
| ,<br>ACTIVE USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | USB open 0% D                           | Jone                                                                                              |       |  |

The SGM7xx/SGM8xx will reboot and is now restored.





#### About PENKO

Our design expertise include systems for manufacturing plants, bulk weighing, check weighing, force measuring and process control. For over 35 years, PENKO Engineering B.V. has been at the forefront of development and production of high-accuracy, high-speed weighing systems and our solutions continue to help cut costs, increase ROI and drive profits for some of the largest global brands, such as Cargill, Sara Lee, Heinz, Kraft Foods and Unilever to name but a few.

Whether you are looking for a simple stand-alone weighing system or a high-speed weighing and dosing controller for a complex automated production line, PENKO has a comprehensive range of standard solutions you can rely on.

#### Certifications

PENKO sets high standards for its products and product performance which are tested, certified and approved by independent expert and government organizations to ensure they meet – and even – exceed metrology industry guidelines. A library of testing certificates is available for reference on:

http://penko.com/nl/publications\_certificates.html

#### **PENKO Professional Services**

PENKO is committed to ensuring every system is installed, tested, programmed, commissioned and operational to client specifications. Our engineers, at our weighing center in Ede, Netherlands, as well as our distributors around the world, strive to solve most weighing-system issues within the same day. On a monthly basis PENKO offers free training classes to anyone interested in exploring modern, high-speed weighing instruments and solutions. A schedule of training sessions is found on: www.penko.com/training

#### **PENKO Alliances**

PENKO's worldwide network: Australia, Belgium, Brazil, China, Denmark, Germany, Egypt, Finland, France, India, Italy, Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Syria, Turkey, United Kingdom, South Africa, Slovakia Sweden, Switzerland and Singapore. A complete overview you will find on: www.penko.com/dealers

