GARANT HG1

UPDATING FIRMWARE AND
SOFTWARE

UPDATING FIRMWARE AND SOFTWARE OF GARANT HG1

- The GARANT HG1 has a Software and a Firmware, both can be updated by the user.
- Firmware is internally split in two different parts:
  - Firmware for Control Panel located on the Desktop PCBA.
  - Firmware for stepping motor, measuring system,... located on the Control Unit PCBA.
- Correction tables, article and serial number are stored in the Control Unit PCBA.
- Software and Firmware can be updated independently.
- A Software or Firmware update will not delete any correction tables!
- Always read the *ChangeNotes* first before making any update!
- Only start an update with the power adapter plugged in and a battery loaded >5%.
  If the power went off during the update process, Height Gauge might be damaged and needs to be send in for service.
- Make sure Control Panel and Height Gauge are connected properly!
  Otherwise, the update process may fail, and Height Gauge might be damaged and needs to be send in for service.

UPDATE MENU

- Located directly in the main menu
- Shows update files for
  - Software (top window, *.HG1 file ending)
  - Firmware (bottom window, *.HG1f file ending)
- Shows installed versions
- Starts update process

Selecting USB-Stick

Installed Software Version

„Start Update" Button

Update files list

Install Firmware Version

Programmupdate

07.05.2024 54,2 °C   Garant   CORR   77 %
16:02:16   mm

Quelle   D: STORE N GO

Update Bedienpanel
V 1.1.15.0   (*.HG1)
Setup-HG1_1.1.15 20240430.HG1
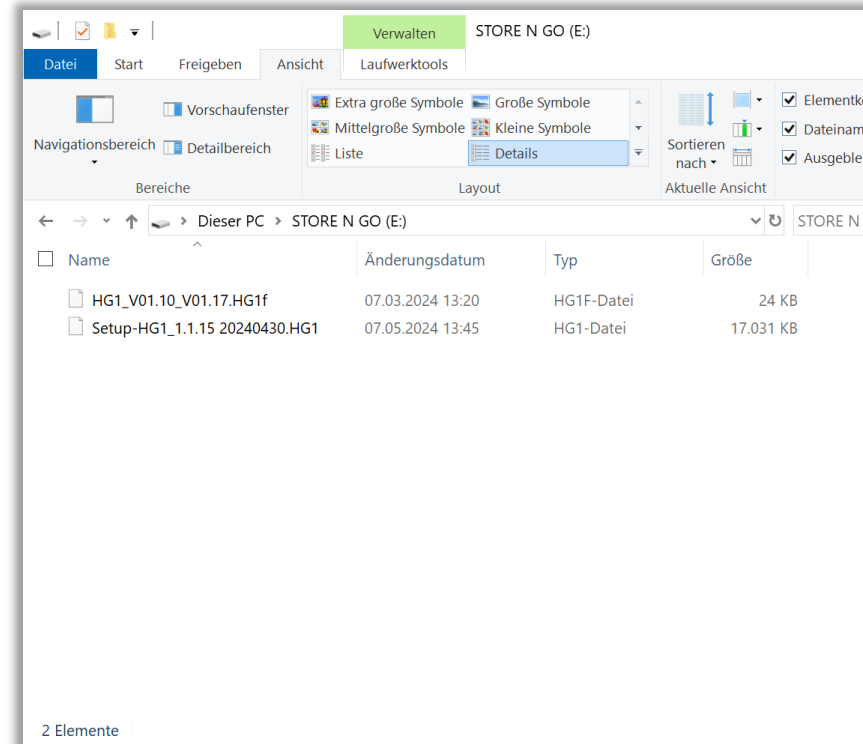
Update Firmware
V01.10 V01.17   (*.HG1f)
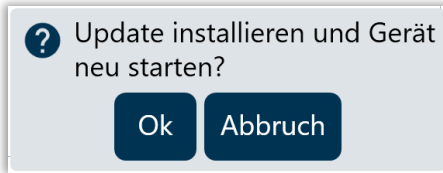HG1_V01.10_V01.17.HG1f

UPDATING PREPARATIONS

1. Download the latest version of GARANT HG1 software and firmware from

   [Software and firmware-updates for professional tools | Hoffmann Group (hoffmann-group.com)](http://hoffmann-group.com)

2. Unpack the files and copy them onto an USB-Stick
3. Place USB-Stick in Height Gauge
4. Navigate to „Update" menu
5. Select USB-Stick with files on it
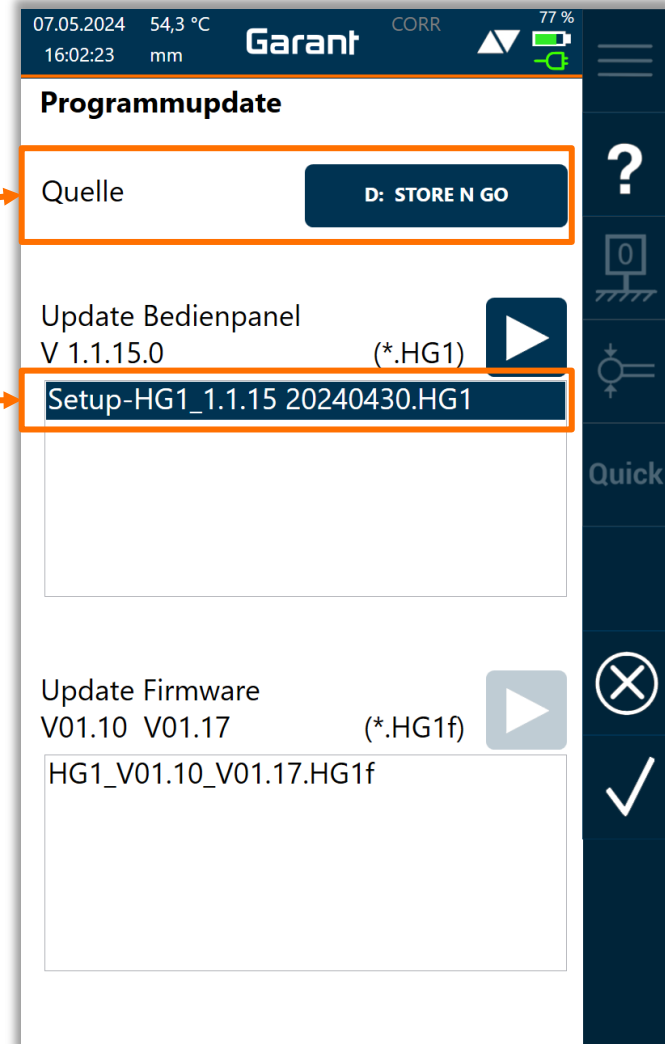6. Continue with Software or Firmware update

→ Next page!

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UPDATING SOFTWARE – PART 1

1. Select USB-Stick
2. Update files will show up in window „Update Bedienpanel (*.HG1)"
3. Select newest version
4. Press ▶ to start update
5. You will be asked "Install update and restart?"

   ┌─────────────────────────────────────┐
   │ ❓ Update installieren und Gerät   │
   │   neu starten?   │
   │   │
   │   [Ok] [Abbruch]   │
   └─────────────────────────────────────┘

6. Press "Ok" to continue.

→ Next page!

07.05.2024 54,3 °C   Garant   CORR   77 %
16:02:23   mm

Programmupdate

Quelle   D: STORE N GO

Update Bedienpanel
V 1.1.15.0   (*.HG1)   ▶

Setup-HG1_1.1.15 20240430.HG1

Update Firmware
V01.10 V01.17   (*.HG1f)   ▶
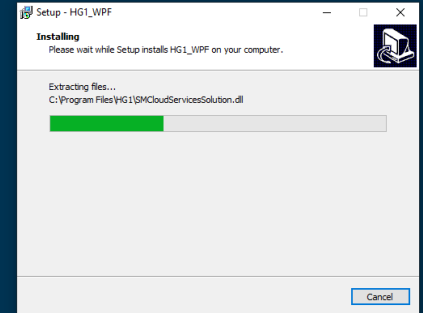
HG1_V01.10_V01.17.HG1f

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UPDATING SOFTWARE – PART 2

7. Software will close and a window will open. Press "Yes" to continue installation

8. Wait until installation is complete

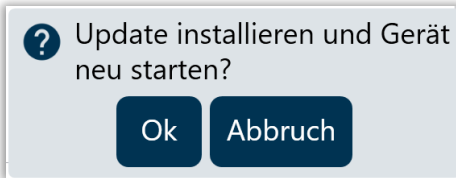9. Control Panel will restart after update automatically.

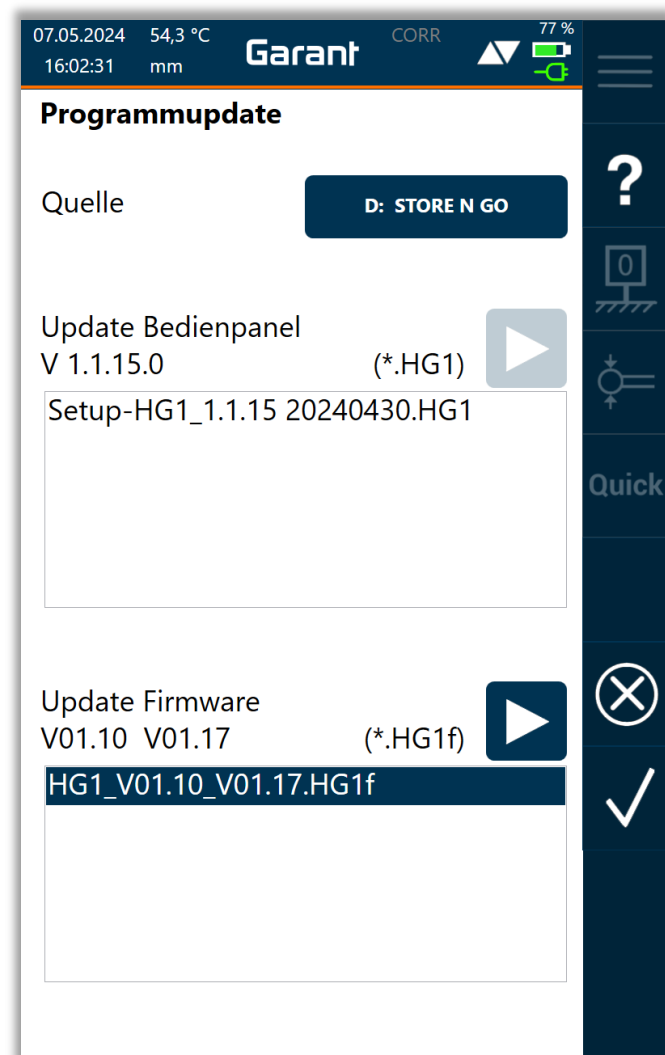   **Software Update done!**

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UPDATING FIRMWARE – PART 1

1. Select USB-Stick
2. Update files will show up in window „Update Firmware (*.HG1f)"
3. Select newest version
4. Press to start update
5. Warning appears: "Update will be started. Do not turn off!"
6. Press "Ok" to continue.

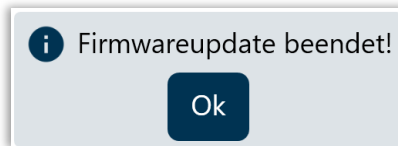Update installieren und Gerät neu starten?

Ok   Abbruch

7. First part of firmware will be updated

UPDATING FIRMWARE – PART 2

1. First part of the firmware will be installed
2. First the connection with the PCBA will be reset (see top picture)
3. Then the update process will start (bottom picture)
4. When finished (progress bar complete) Height Gauge will make a reference drive (Attention: Probe tip will be moving up and down!)
5. Second part of Firmware will be installed immediately afterwards, repeating steps 2. and 3.
6. When finished (progress bar complete) Height Gauge will "beep" two times.
7. A meassage will appear "Firmware Update finished!"

> ℹ Firmwareupdate beendet!
>
> **Ok**

8. Press "OK" and now you can continue your work!

   Firmware Update done!

Update Firmware

Warten auf Steuerung...

Update Firmware

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Autor