



HEIDENHAIN



Quick Reference Guide

QUADRA-CHEK Wedge

Version 3.0.x

Menus

For the latest document version, see www.heidenhain.de


About


QUADRA-CHEK Wedge software provides communication between a HEIDENHAIN subsequent electronic and a Windows® PC. Measurement data is sent from a subsequent electronic to an Excel® file or to the current cursor location on a Windows® PC. The data can then be edited and saved on a Windows PC or printed.


Tool Bar


The QUADRA-CHEK Wedge tool bar provides quick access to commonly used features of the software.


TOOL BAR BUTTONS


-  **New:** Creates and opens a new Excel data file and creates an RS-232 connection to the subsequent electronic.


-  **Open:** Opens an existing data file or prompts to create and open a new data file.


-  **Save:** Saves the current data file as an Excel .xls file.


-  **Print Preview:** Page preview for Windows printer.


-  **Print:** Print current data file on Windows printer.


-  **Cut:** The selected text will be cut from the window and placed on the Windows clipboard.

-  **Copy:** The selected text will be copied to the Windows clipboard.

-  **Create new connection:** Creates a new data connection.

-  **Connect:** Creates a data connection.

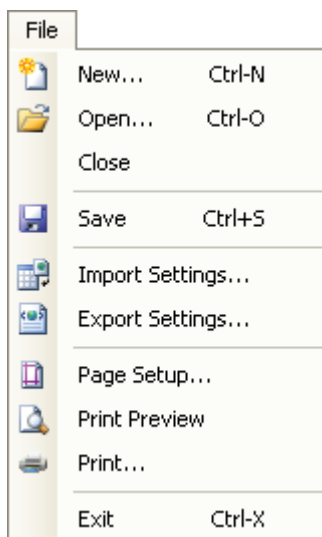
-  **Disconnect:** Disconnects a data connection.

-  **ZERO:** A custom button that zeros all axes on the subsequent electronic, created using the Customize feature.

File and Edit functions

The File and Edit menus contain tools for performing familiar Windows file functions on the Excel data files created by QUADRA-CHEK Wedge, and for editing the contents of the QUADRA-CHEK Wedge window.

File menu



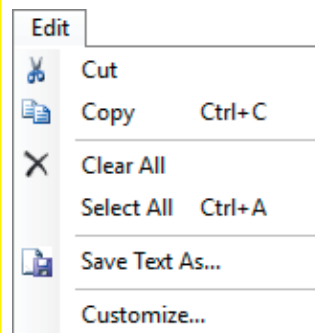
- 1. New**
Creates and opens a new Excel data file and creates an RS-232 connection to the subsequent electronic.
- 2. Open**
Opens an existing data file or prompts to create and open a new data file.
- 3. Close**
Closes the current data file. The file can be saved or closed without saving.
- 4. Save**
Saves the current data file as an Excel .xls file.
- 5. Import Settings**
Loads the specified QUADRA-CHEK Wedge settings file.
- 6. Export Settings**
Saves the current QUADRA-CHEK Wedge settings as a settings .xml file.
- 7. Page setup**
Page setup for Windows printer.
- 8. Print preview**
Page preview for Windows printer.
- 9. Print**
Print current data file on Windows printer.

10. Exit

Closes the current data file and exits QUADRA-CHEK Wedge. The file can be saved or closed without saving.

Edit Menu



The Edit menu provides tools for editing the contents of the QUADRA-CHEK Wedge window.



- 1. Cut**
The selected text will be cut from the window and placed on the Windows clipboard.
- 2. Copy**
The selected text will be copied to the Windows clipboard.
- 3. Clear All**
All text will be cleared from the QUADRA-CHEK Wedge window.
- 4. Select All**
The entire contents of the QUADRA-CHEK Wedge window will be selected.
- 5. Save Text As**
The contents of the QUADRA-CHEK Wedge window will be saved as a text .rtf file.
- 6. Customize**
Opens the Customize window used to create custom buttons.

- Please note
- For your information

HEIDENHAIN

DR. JOHANNES HEIDENHAIN GmbH
 Dr.-Johannes-Heidenhain-Straße 5
83301 Traunreut, Germany
 +49 (86 69) 31-0
 +49 (86 69) 50 61
 e-mail: info@heidenhain.de

www.heidenhain.de

Setup

Software installation

- Download the latest version of QUADRA-CHEK Wedge from www.heidenhain.de
- Unpack the downloaded file with the extension .zip
- Run the installation file with the extension .exe
- Follow the Setup Wizard installation instructions

Setup

QUADRA-CHEK Wedge setup consists of:

- Connecting an evaluation electronic
- PC port and data setup
- Subsequent electronic port and data setup
- Customize buttons

1. Connecting an evaluation electronic

- Verify that the evaluation electronic and the PC power are off.
- Connect a PC COM port to the evaluation electronic RS-232 serial port using a serial cable (see Accessories).



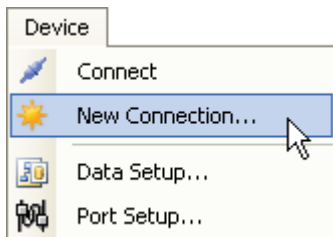
Note

If your PC does not have a COM (serial) port, a compatible USB to COM port adapter may be used.

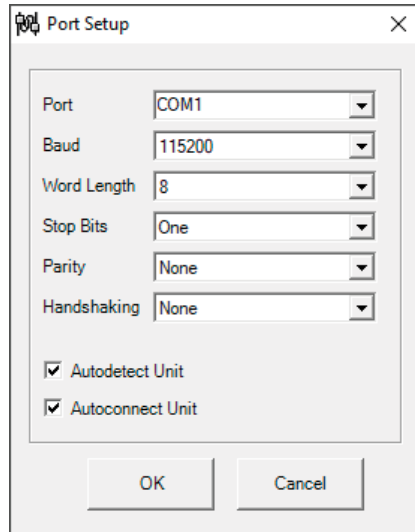
- Apply power to the computer and then the evaluation electronic.
- Launch the QUADRA-CHEK Wedge application.

2. PC port and data setup

Port setup values can be entered manually to match those of the evaluation electronic's RS-232 port. However, clicking DEVICE>NEW CONNECTION launches a wizard that automatically configures the COM port, assists data sheet setup and connects to the evaluation electronic.



Access manual port setup parameters by clicking DEVICE>PORT SETUP.



Select AUTODETECT UNIT to enable automatic detection of communication parameters for autodetect capable evaluation electronics.

Select AUTOCONNECT UNIT to automatically connect to the evaluation electronic when AUTODETECT UNIT is enabled.

- Access data output setup parameters by clicking DEVICE>DATA SETUP.

3. Evaluation electronic port and data setup

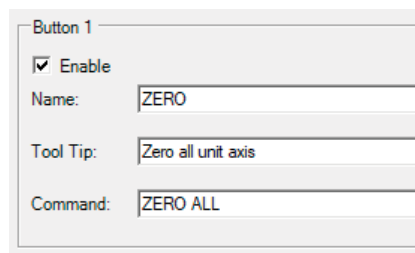
Configure the evaluation electronic's RS-232 port in the Ports setup screen. Configure the data output for the ND 1100, ND 1200, ND 1200T, ND 1300 and ND 2100G in the Setup menu.

Refer to the evaluation electronic's Operating Instructions for details.

4. Customize buttons

Four buttons can be customized to send serial commands to the evaluation electronic.

- Access the button customization screen by clicking EDIT>CUSTOMIZE...
- Complete the information fields for each button as desired and enable the button.



Operation

Data transfers to a PC

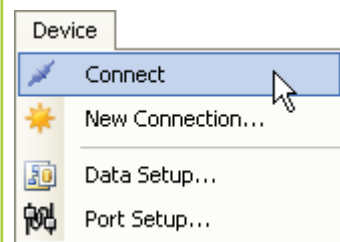
Data is transferred to a PC by:

- Creating an RS-232 connection to the evaluation electronic
- Select where data will be sent
- Sending data from the evaluation electronic

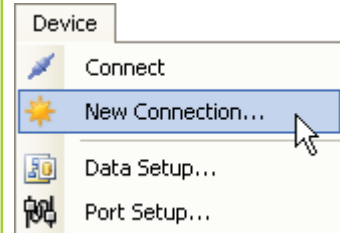
1. Creating a connection

Create a data connection by clicking the DEVICE>CONNECT or DEVICE>NEW CONNECTION menu items, or by clicking the CONNECT button.

Clicking DEVICE>CONNECT or the CONNECT button creates a data connection if the COM port settings are matched to the evaluation electronic.



Clicking DEVICE>NEW CONNECTION launches a wizard that automatically connects to the evaluation electronic and provides Device and Output Settings options.



2. Select where data will be sent

Excel: The Excel data file can be supplied when creating a new connection or opening a current one.

At Cursor: Select the application or file to receive data and place the cursor in the desired location. Data can be received in any location it is possible to place a cursor.

3. Sending data from an evaluation electronic

Press the evaluation electronic's PRINT button located at the top right corner of the evaluation electronic's front panel.

Refer to the evaluation electronic's user's manual for details.

Accessories

ID 366964-03: RS-232 cable for use with ND 280 products

ID 540660-05: RS-232 cable for use with ND 1100, ND 1200, ND 1200T, ND 1300 and ND 2100G products

HEIDENHAIN

DR. JOHANNES HEIDENHAIN GmbH

Dr.-Johannes-Heidenhain-Straße 5

83301 Traunreut, Germany

☎ +49 (86 69) 31-0

☎ +49 (86 69) 50 61

e-mail: info@heidenhain.de

Technical support ☎ +49 (86 69) 31-10 00

e-mail: service@heidenhain.de

Measuring systems ☎ +49 (86 69) 31-31 04

e-mail: service.ms-support@heidenhain.de

TNC support ☎ +49 (86 69) 31-31 01

e-mail: service.nc-support@heidenhain.de

NC programming ☎ +49 (86 69) 31-31 03

e-mail: service.nc-pgm@heidenhain.de

PLC programming ☎ +49 (86 69) 31-31 02

e-mail: service.plc@heidenhain.de

Lathe controls ☎ +49 (7 11) 95 28 03-0

e-mail: service.hsf@heidenhain.de

www.heidenhain.de

HEIDENHAIN

DR. JOHANNES HEIDENHAIN GmbH

Dr.-Johannes-Heidenhain-Straße 5

83301 Traunreut, Germany

+49 8669 31-0

+49 8669 32-5061

E-mail: info@heidenhain.de

www.heidenhain.de

Vollständige und weitere Adressen siehe www.heidenhain.de
For complete and further addresses see www.heidenhain.de

DE	HEIDENHAIN Technisches Büro Nord 12681 Berlin, Deutschland ☎ 030 54705-240	ES	FARRESA ELECTRONICA S.A. 08028 Barcelona, Spain www.farresa.es	PH	Machinebanks` Corporation Quezon City, Philippines 1113 E-mail: info@machinebanks.com
	HEIDENHAIN Technisches Büro Mitte 08468 Heinsdorfergrund, Deutschland ☎ 03765 69544	FI	HEIDENHAIN Scandinavia AB 02770 Espoo, Finland www.heidenhain.fi	PL	APS 02-489 Warszawa, Poland www.apservis.com.pl
	HEIDENHAIN Technisches Büro West 44379 Dortmund, Deutschland ☎ 0231 618083-0	FR	HEIDENHAIN FRANCE sarl 92310 Sèvres, France www.heidenhain.fr	PT	FARRESA ELECTRÓNICA, LDA. 4470 - 177 Maia, Portugal www.farresa.pt
	HEIDENHAIN Technisches Büro Südwest 70771 Leinfelden-Echterdingen, Deutschland ☎ 0711 993395-0	GB	HEIDENHAIN (G.B.) Limited Burgess Hill RH15 9RD, United Kingdom www.heidenhain.co.uk	RO	HEIDENHAIN Reprezentantă Romania Braşov, 500338, Romania www.heidenhain.ro
	HEIDENHAIN Technisches Büro Südost 83301 Traunreut, Deutschland ☎ 08669 31-1345	GR	MB Milionis Vassilis 17341 Athens, Greece www.heidenhain.gr	RS	Serbia → BG
		HK	HEIDENHAIN LTD Kowloon, Hong Kong E-mail: sales@heidenhain.com.hk	RU	OOO HEIDENHAIN 125315 Moscow, Russia www.heidenhain.ru
AR	NAKASE SRL. B1653AOX Villa Ballester, Argentina www.heidenhain.com.ar	HR	Croatia → SL	SE	HEIDENHAIN Scandinavia AB 12739 Skärholmen, Sweden www.heidenhain.se
AT	HEIDENHAIN Techn. Büro Österreich 83301 Traunreut, Germany www.heidenhain.de	HU	HEIDENHAIN Kereskedelmi Képviselet 1239 Budapest, Hungary www.heidenhain.hu	SG	HEIDENHAIN PACIFIC PTE LTD. Singapore 408593 www.heidenhain.com.sg
AU	FCR Motion Technology Pty. Ltd Laverton North 3026, Australia E-mail: vicsales@fcrmotion.com	ID	PT Servitama Era Toolsindo Jakarta 13930, Indonesia E-mail: ptset@group.gts.co.id	SK	KOPRETINA TN s.r.o. 91101 Trenčín, Slovakia www.kopretina.sk
BA	Bosnia and Herzegovina → SL	IL	NEUMO VARGUS MARKETING LTD. Tel Aviv 61570, Israel E-mail: neumo@neumo-vargus.co.il	SL	Posredništvo HEIDENHAIN NAVO d.o.o. 2000 Maribor, Slovenia www.heidenhain-hubl.si
BE	HEIDENHAIN NV/SA 1760 Roosdaal, Belgium www.heidenhain.be	IN	HEIDENHAIN Optics & Electronics India Private Limited Chennai – 600 031, India www.heidenhain.in	TH	HEIDENHAIN (THAILAND) LTD Bangkok 10250, Thailand www.heidenhain.co.th
BG	ESD Bulgaria Ltd. Sofia 1172, Bulgaria www.esd.bg	IT	HEIDENHAIN ITALIANA S.r.l. 20128 Milano, Italy www.heidenhain.it	TR	T&M Mühendislik San. ve Tic. LTD. ŞTİ. 34728 Ümraniye-Istanbul, Turkey www.heidenhain.com.tr
BR	DIADUR Indústria e Comércio Ltda. 04763-070 – São Paulo – SP, Brazil www.heidenhain.com.br	JP	HEIDENHAIN K.K. Tokyo 194-0215, Japan www.heidenhain.co.jp	TW	HEIDENHAIN Co., Ltd. Taichung 40768, Taiwan R.O.C. www.heidenhain.com.tw
BY	Belarus GERTNER Service GmbH 50354 Huert, Germany www.gertner.biz	KR	HEIDENHAIN Korea LTD. Gasam-Dong, Seoul, Korea 153-782 www.heidenhain.co.kr	UA	Gertner Service GmbH Büro Kiev 01133 Kiev, Ukraine www.gertner.biz
CA	HEIDENHAIN CORPORATION Mississauga, Ontario L5T2N2, Canada www.heidenhain.com	ME	Montenegro → SL	US	HEIDENHAIN CORPORATION Schaumburg, IL 60173-5337, USA www.heidenhain.com
CH	HEIDENHAIN (SCHWEIZ) AG 8603 Schwerzenbach, Switzerland www.heidenhain.ch	MK	Macedonia → BG	VE	Maquinaria Diekmann S.A. Caracas, 1040-A, Venezuela E-mail: purchase@diekmann.com.ve
CN	DR. JOHANNES HEIDENHAIN (CHINA) Co., Ltd. Beijing 101312, China www.heidenhain.com.cn	MX	HEIDENHAIN CORPORATION MEXICO 20235 Aguascalientes, Ags., Mexico E-mail: info@heidenhain.com	VN	AMS Co. Ltd HCM City, Vietnam E-mail: davidgoh@amsvn.com
CZ	HEIDENHAIN s.r.o. 102 00 Praha 10, Czech Republic www.heidenhain.cz	MY	ISOSERVE Sdn. Bhd 56100 Kuala Lumpur, Malaysia E-mail: isoserve@po.jaring.my	ZA	MAFEMA SALES SERVICES C.C. Midrand 1685, South Africa www.heidenhain.co.za
DK	TPTEKNIK A/S 2670 Greve, Denmark www.tp-gruppen.dk	NL	HEIDENHAIN NEDERLAND B.V. 6716 BM Ede, Netherlands www.heidenhain.nl		
		NO	HEIDENHAIN Scandinavia AB 7300 Orkanger, Norway www.heidenhain.no		

Zum Abheften hier falzen! / Fold here for filing!