internal_**WA 1706**
Exchange Measuring Probe VKP 41*plus*
For certified and authorized service personnel only,
this instruction is not intended for end users

The measuring probe has an individual Temperature Calibration Factor
(TC value / Tk-Wert).
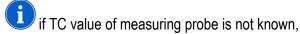The TC value is stored in the com box that is connected to the measuring probe.
If the measuring probe is exchanged
or the measuring probe is recalibrated,
the TC value of the new measuring probe
must be set in the com box.
To set the TC value the Special Functions Menu of the VKP 41*plus* app must be used.

Fig. 1: VKPC 40plus Ex com box, VKPS 40 Ex measuring probe, VKPN 41plus Ex data collector (from bottom left to top right)

Exchange of a measuring probe and setting the Temperature Calibration Factor (TC-value).

ⓘ if TC value of measuring probe is not known,
→send "Request for Exchange of Measuring Probe" to GESTRA, see page 2

1. Disconnect the measuring probe that you want to exchange from com box.
2. Connect new measuring probe to com box, make sure the exchanged measuring probe will not be used with the com box any more, mark or scrap if necessary
3. Switch on com box.
4. Start VKP 41 app on data collector.
5. Make sure the right com box (VKPC) is connected to data collector (BT symbol is blue), check serial number in "Info".
6. In Main menu tap 7 times on GESTRA logo to enter the hidden "Special Functions Menu"
7. Select VKPS TC value.
8. Set "Current value" to the TC value of new measuring probe by (-) and (+) buttons
   if TC value of measuring probe is not known, →send request for exchange of measuring probe to GESTRA, see page 2
9. - To store the TC value in the com box select "Save to VKPC",
   - To abort go back to "Special Functions Menu" by pressing the "back"-button, then select "Exit" to go back to main menu.
10. Now the exchanged measuring probe is ready for use

ⓘ It is recommended to note the new TC value that belongs to your measuring probe.

⚠ In "Special Functions Menu" do not press "Set Factory Default Value".
Pressing "Set Factory Default Value" will save the TC value of the measuring probe that was originally delivered by GESTRA. This TC value is factory set and cannot be changed in the "Special Functions" menu, it can only be changed by GESTRA in Bremen factory. If this has been pressed unintentionally follow steps 3-10 again.

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1/2

GeSTRA®

Request for Exchange of Measuring Probe VKPS

Fill in necessary data and send to:

GESTRA AG

Service VKP

Münchener Straße 77

28215 Bremen

Germany

Fax +49 421 3503-393

E-Mail: info@de.gestra.com

Example tag plate
(near the handle of the case)

VKPN	②
VKPS	③
VKPC	④
Seriennr:	①

Company Name	
Name	
Surname	
Contact: Telephone / Fax / E-Mail	

System Type	① Seriennr:	Remarks
☐ VKP 40		please select system type and fill in Seriennr of VKP system
☐ VKP 40 Ex		
☐ VKP 40*plus*		
☐ VKP 40*plus* Ex		
☐ VKP 41*plus*		
☐ VKP 41*plus* Ex		

System Components:	Serial number	
② VKPN (Data Collector)		please fill in serial numbers
③ VKPS_Old (Measuring Probe)		
④ VKPC (Com Box)		

	Serial number	
VKPS_New (Exchange or Spare Measuring Probe)		**filled in by GESTRA**
	TC Value	