

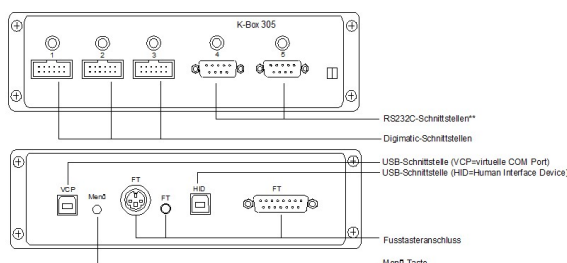
# The Combibox – K-Box 305



- Combination of **virtual COM port\*** with fixed-mapped COM port (**VCP**) or as a **Human Interface Device** keyboard format (**HID**) with different inputs
- Power supply via USB-port
- When used as a USB keyboard format (HID) is no driver file for the USB port required
- As a USB keyboard format (HID) establish the unit to recognize as a keyboard, the following settings:
  - Terminators like Enter, Tab or other can be adjusted at the USB-Interface
  - More settings al language, separator, operation mode, timer etc.
  - Measured results to become directly e.g. to EXCEL or other text processing programs or statistics programs conveyed
- If the virtual serial port\* (VCP) is used, a driver file to be installed for the VCP and the interface box works with the command set MUX10/50 (e.g. for qs-STAT, STATPAK, including SPC04 MUX10/50 compatible programs)
- The data is transmitted via a foot switch, data key on the instrument / cable, or automatically by timer from the PC
- **RS232C-Input\*\* for more than 70 measuring instrument freely selectable (deposited in the interface)**
- Cascadable (types K-Box 30x) thus, the measurement space expandable

**\* If for example an existing software to the serial port requires!**

K-Box 305



Dimension: 52mm x 122mm x 168mm (H x T x B)

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**K-Box 305 682,- Euro\*\*\***

3x Mitutoyo-Digimatic Input; 2x RS232C Input\*\*  
incl. USB-cabel + VCP-driver

\*\* Pin assignment on a PC-port interface (COM).  
At present for more than 70 measuring instrument (e.g. Standard OptoRS232 or other RS232-instrument) There, the original cable (bidirectional required) the manufacturer to be used or BOBE PX0xxx see "accessories for software-independent keyboard interface box".

\*\*\* The prices plus the legal VAT, as well as freight/packing (Inland 8 Euro and EU-countries outside Germany 25 Euro) valid from 01.04.2021 to 31.03.2022.



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## Appendix A

The table shows which measuring devices can be connected to the K-Box 305. The relevant measuring device no. should be specified in the K-Box menu. The measuring device must be set to the defined transfer parameter. In most cases, this is the measuring device's factory default.

Measuring device no.	Measuring devices sorted by manufacturer name	Interface parameters
16	General device with MUX10 format	9600,n,8,1
45	Alluris force gauge FMI (single value)	9600,n,8,1
46	Alluris force gauge FMI (MAX- value)	9600,n,8,1
47	Alluris force gauge FMI (MIN- value)	9600,n,8,1
40	ALMEMO temperature gauge	9600,n,8,1
58	AND scales FX-3200	2400,e,7,1
23	Bizerba scales EWI	9600,n,8,1
15	Bowers Opto	4800,e,7,1
39	burster Resistomat 2316 / 2329	9600,n,8,1
42	Carylabor	9600,n,8,1
30	CMP16 P13 (HBM) 2400 Baud	2400,e,7,2
31	CMP16 P13 (HBM) 4800 Baud	4800,e,7,2
21	Diavite DH-6 Wert Ra	9600,e,7,1
22	Diavite DH-6 Wert Rz	9600,e,7,1
09	ElektroPhysik MiniTest 1100	9600,n,8,1
27	ElektroPhysik Minitest FH 2100 density meter	9600,n,8,1
41	ElektroPhysik MiniTest FH 7200	9600,n,8,1
26	ELOTEST M1 density meter	4800,n,8,1
43	Erichsen force gauge 709	9600,n,8,1
33	Erichsen force gauge AP775E	9600,n,8,1
55	Fluke 8808A Digital-Multimeter	9600,n,8,1
08	Heidenhain VRZ/ND	2400,e,7,2
63	Itronic-Fuchs (ITF) Kraft-Wegmesser A8274KW	4800,n,8,1
28	Keithley 2000 Multimeter	9600,n,8,1
09	Kern scales 510	9600,n,8,1
32	Kern scales 572-X	2400,e,7,1
57	LS-7500 OUT1	9600,n,8,1
56	LS-7500 OUT2	9600,e,7,2
02	Mahr 1085 OptoRS232	4800,n,8,1
61	Mahr 16 EX	4800,e,7,1
14	Mahr Millitron 1240/1501IC	9600,n,8,1
38	Marposs Quick read	4800,e,7,1
20	mav DIP M 10 Pull- & pressure gauge	4800,e,7,1
07	Mettler scales PM 3000	2400,e,7,1
80	Mitutoyo Digital Protractor Serie 950	9600,n,8,1
79	Mitutoyo-DP1-VR	4800,e,7,1
72	Mitutoyo EF-, EV- u. EH-Counter	9600,e,7,1
34	Mitutoyo KA-Counter all axes	4800,e,7,1
65	Mitutoyo KA- Counter Q-axis	4800,e,7,1
35	Mitutoyo KA-Counter X- axis	4800,e,7,1
36	Mitutoyo KA-Counter Y- axis	4800,e,7,1
37	Mitutoyo KA-Counter Z- axis	4800,e,7,1
74	Mitutoyo Linear Height LH-600, QM-Data	9600,n,8,1
72	Mitutoyo Litematic VL-50A Serie	9600,e,7,1
70	Mitutoyo LSM-6000, 5000, 6100, 5100, 6200, 5200, 6900 measured value	9600,n,8,1
71	Mitutoyo Mitutoyo LSM-6000, 5000, 6100, 5100, 6200, 5200, 6900 single measurement	9600,n,8,1
66	Mitutoyo MF-Mikroskop Serie X- axis	9600,e,7,1
67	Mitutoyo MF- Mikroskop Serie Y- axis	9600,e,7,1
77	Mitutoyo MF- Mikroskop Serie Z- axis	9600,e,7,1
78	Mitutoyo MF- Mikroskop Serie all axes	9600,e,7,1
66	Mitutoyo PJ A3000 X- axis	9600,e,7,1
67	Mitutoyo PJ A3000 Y- axis	9600,e,7,1
68	Mitutoyo PJ A3000 Q- axis	9600,e,7,1
75	Mitutoyo PJ A3000 X u. Y- axis	9600,e,7,1
76	Mitutoyo PJ A3000 X, Y u.Q-axis	9600,e,7,1
66	Mitutoyo PJ-H30 X- axis	9600,e,7,1
67	Mitutoyo PJ-H30 Y- axis	9600,e,7,1
68	Mitutoyo PJ-H30 Q- axis	9600,e,7,1
75	Mitutoyo PJ-H30 X u. Y- axis	9600,e,7,1
76	Mitutoyo PJ-H30 X, Y u. Q- axis	9600,e,7,1
73	Mitutoyo QM Hight Serie	2400,n,8,1
69	Mitutoyo Uhr ID-H displayed value	9600,e,7,2
52	mks speed indicator	9600,n,8,1
24	Nikon SC112 X-axis	4800,n,8,2
25	Nikon SC112 Y-axis	4800,n,8,2
62	Olympus MAGNA MIKE 8500 wall thickness gauge	9600,n,8,1
09	Panametrics 26 DL plus	9600,n,8,1
53	Precisa 300 Serie	9600,n,8,1
59	QuadraCheck 200 X-value	4800,n,8,1
60	QuadraCheck 200 Y-value	4800,n,8,1
19	RugoSurf	1200,n,7,2
06	Sartorius scales MC 1	1200,o,7,1
44	SIKO measuring line gauge MA10	4800,n,8,1
5	Sony LH 20 position display unit	2400,n,8,1
5	Sony U 30	2400,n,8,1
29	SUMESS VMC-3	2400,o,7,1
01	Sylvac Standard-OptoRS232	4800,e,7,1
54	TEC refractometer NR151	9600,n,8,1
03	Tesa DigitCal OptoRS232	1200,e,7,1
10	Tesa Hite OptoRS232	4800,e,7,1
17	Tesa MicroHite 04	1200,e,7,1
02	Tesa MicroHite 10 PowerPanel	4800,e,7,1
11	Tesa MicroHite 1D RS232C	1200,e,7,2
12	Tesa MicroHite 1D RS232C	4800,e,7,2
13	Tesa MicroHite 1D/2D RS232C	4800,e,7,1
04	Tesa TT10	1200,e,7,1
48	Vogel DIGI PLUS LINE #20 20xx	4800,n,8,1
64	Volkraft MXD 4660A	9600,n,8,1
49	Zumbach laser micrometer root mean square value	4800,e,7,1
50	Zumbach laser micrometer measured variable 1	4800,e,7,1
51	Zumbach laser micrometer measured variable 2	4800,e,7,1
18	Zygo Z-Mike laser micrometer	1200,n,8,1