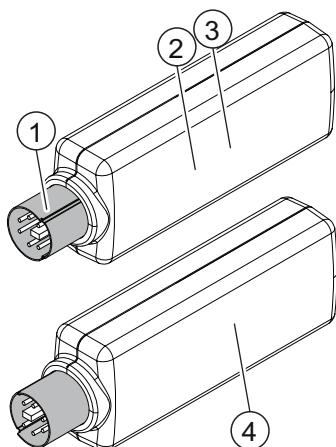




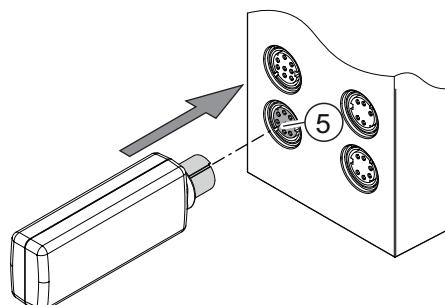
BLE Dongle

Quick Guide

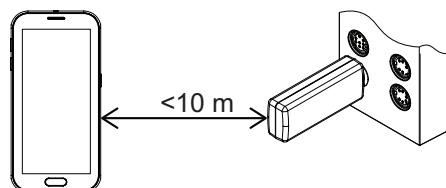
With the Bluetooth® Low Energy (BLE) Dongle you can connect your BÜCHI Instrument via Bluetooth®. This allows easy access to the instrument data and the upgrade of the instrument software. In combination with a service contract, additional convenient functions such as the ordering of spare parts and the initiation of a service case are available.



- ① Plug
- ② LED red
- ③ LED green
- ④ Type plate



- ⑤ Green connecting socket
(Rear side of the instrument)



App download



Light	Description
Steady green	Bluetooth connection
Flashing red	COM connection to the instrument



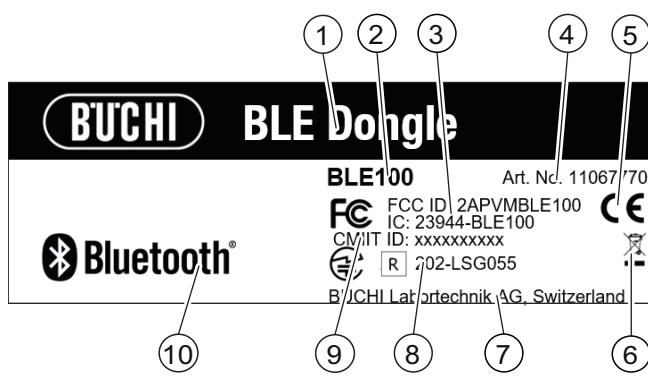
The following data is used and saved:

-
-
-



Specification

Dimensions (W x D x H)	60 x 19 x 13 mm
Power consumption	100 mA
Connection voltage (DC)	8.5 VDC to 30 VDC
Weight	10 g
Ambient temperature	5 - 40 °C (25 °C)
Maximum relative humidity	80% for temperatures up to 31 °C decreasing linearly to 50 % relative humidity at 40 °C
Wireless protocol	Bluetooth® 5.0 (compatible to 4.2)
Range	10 m
Bluetooth support	Class 3 RF-PHY, LL, L2CAP, SDP, GAP, GATT, ATT, SM
Minimum operation system requirements	iOS 9
iOS	
Minimum operation system requirements	Android 7.0
Android	
Frequency	DTS band 2400 MHz to 2483.5 MHz
Output power	0 dBm
Bandwidth	1 MHz
Modulation	GFSK



- ① Device name
- ② Device type
- ③ Certification Number FCC / IC
- ④ Article Number
- ⑤ Approval CE
- ⑥ Symbol for "Do not dispose of as household waste"
- ⑦ Manufacturer name
- ⑧ Certification Number JP
- ⑨ Certification Number CMIIT
- ⑩ Label Bluetooth®

This device complies with Part 15 of the FCC Rules and with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



Note:

Changes or modifications made to this equipment not expressly approved by BÜCHI Labortechnik AG may void the FCC authorization to operate this equipment.



Note:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Radiofrequency radiation exposure Information:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 2 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Japanese Radio Law Compliance.

This device is granted pursuant to the Japanese Radio Law (電波法)

This device should not be modified (otherwise the granted designation number will become invalid)