



Bluetooth Connectivity to Various Systems designed for Customer Applications

- Exclusive model for integration into data management systems
- Flexible data management with dedicated systems or applications installed on smartphones

Breath Alcohol Tester with Communication Capability



J-BAC (JAPAN BREATH ALCOHOL TESTING CONSORTIUM) listed



FUGO smart Bt

FUGO smart Bt FALC-31

■ Features



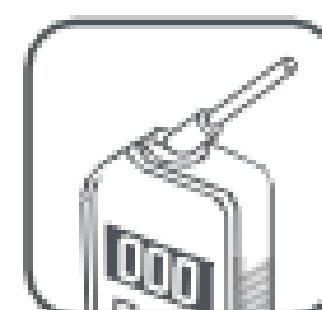
Electrochemical Gas Sensor

Electrochemical gas sensor with high selectivity for alcohol ensures reliable breath testing without false measurements.



Breath Pressure Sensor

A built-in pressure sensor checks exhalation pressure. Insufficient breath pressure is indicated as an error to prevent circumvention.



Straw

Sanitary and leak-free breath tests using a straw. Straws on the market can be substitutes for cost saving.



Simple Operation

Simply turn on power and blow through a straw to test breath. Test result will be indicated on a large digital display.



Wireless communication

Measurement data can be transmitted via Bluetooth. FUGO smart Bt contributes to customer's transportation safety management by linking to its own data management system.



Data utilization

Flexible measurement data management using customer's own or a third-party application system.

Bluetooth connectivity

Breath Alcohol Tester FALC-31 with Communication Capability

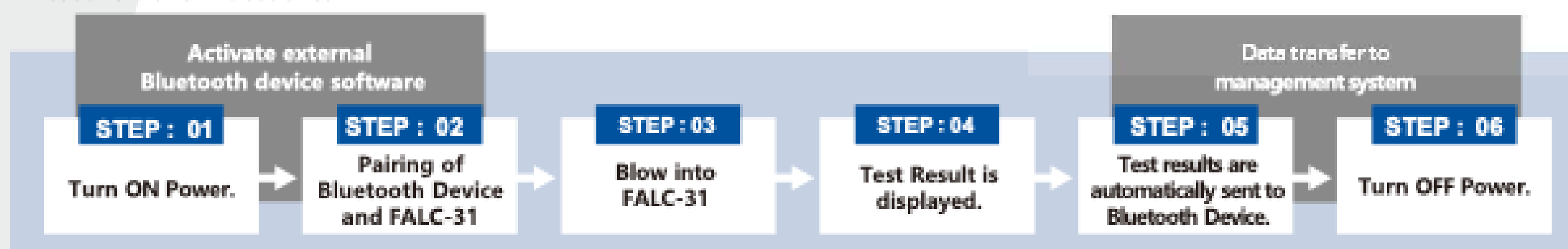
FUGO smart Bt

FUGO smart Bt FALC-31

For flexible total management of breath test data and other information within an organization through introduction of one customized system



Measurement Procedures



Specifications

Model name	Breath Alcohol Tester FUGO smart Bt	Transferring data	Bluetooth connectivity by customer' s own system or a third party's system
Model number	FALC-31	Communication specification	Bluetooth Ver. 4.2 Low Energy
Target gas	Alcohol in breath	Radio wave frequency	2.4 GHz band
Sensing principle	Electrochemical cell	Dimensions	108 (H) ×60 (W) ×23 (D) mm
Measurement range	0.00 ~ 1.00mg/L (Less than 0.05 mg/L is displayed as 0.00 mg/L)	Weight	Approx. 120g incl. 2 AAA batteries
Resolution	0.01mg/L	Standard accessories	Instruction manual and warranty card 2 straw fixing attachments 1 Hand strap, sample straws 2 AAA Alkaline batteries (for initial operation test)
Recommended operating temperature	0 ~ 40°C		
Storage conditions	-10°C ~ 50°C (do not store in dry atmosphere)) Recommended humidity range: 30%RH ~ 90%RH		
Expired period	1 year after purchase, or approx. 10,000 measurements, whichever comes first		
Battery life	Approx. 400 tests (at room temperature)		
Power supply	2 AAA Alkaline cells		

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