wellion CLEVER HbA1c ANALYZER



QUICK START GUIDE

MED TRUST Handelsges.m.b.H.
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Set components

A Analyzer



Analyzer



Panel back-up
(1 x large, 1 x small)



Power Adapter



USB cable

B Test Kit



Blood sampler



Rinse Card

Test strip



Buffer kit



Code chip

Analyzer Introduction





Bulgarian
Croatian
Czech
English
French
German
Greek
Italian
Portuguese
Slovak
Slovenian
Swedish

1. Display	4. Buffer kit holder	9. Mini-USB interface (can be connected to external printer)
2. Dust cover	5. Small & large panel	10. Type B USB interface (can be connected to PC)
3. ⏻ Power button, ⚙ Setting button, ≪ Left button, ≫ Right button, OK OK button	6. Sampler slot	11. RS232 interface (can be connected to barcode reader)
	7. Test strip slot	12. Power adapter interface
	8. Code chip slot	

Parameter Setting

The analyzer has factory settings with related parameters already set. User can use the analyzer directly, or user can press the ⚙ setting button to enter the setting mode to set related parameters. The default language is English. Please refer to the Manual for detailed setting information.

1. Install Buffer Kit



After power on the analyzer, uplift the buffer kit holder



Install the buffer kit onto the holder (I)

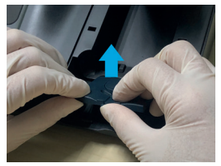


Install the buffer kit onto the holder (II)



Take off the sealed cap

2. Rinse Operation



Take off the panels.



Insert the rinse card.



Lay down the buffer kit for rinse operation and press OK button according to the voice prompts to start the rinse process.



Wait for around one minute till the rinse is finished. Then, remove the rinse card.



Uplift the buffer kit and install the panels back. Then, lay down the buffer kit for the following operation.

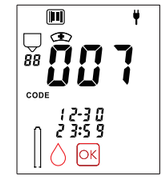
3. Start a test



Insert the calibration code chip into the code chip slot.



Insert the test strip.



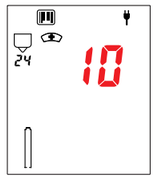




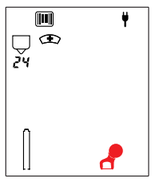
When the blood drop symbol and the OK button symbol blink on the screen, collect the blood sample with the blood sampler until the thread becomes fully red.

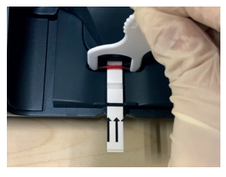
4. Apply Blood Sample





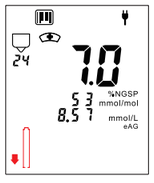
After blood sample is collected, press the OK button to start the test. A 10-seconds countdown will be started.

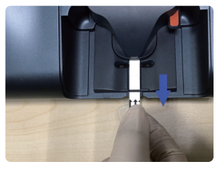




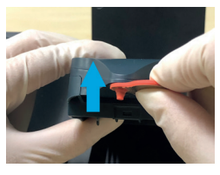
After the 10-seconds-countdown, the sampler symbol blinks on the screen accompanied with voice prompting for blood sample application. Now, apply the blood sample to the sampler slot and hold for 3 seconds.

5. Read the Test Result





Read the test result on the display and discard the used test strip and accessories properly, according to local regulations and standard laboratory procedures.



Cover back the sealed cap onto the buffer kit after use.

Troubleshooting

Error code	Possible cause	Solution
Failed to power on	Battery was damaged or low battery power.	Connect the analyzer to the power source. Contact local distributor if error persists.
E-1	Hardware error.	Contact local distributor.
E-2	Improper working temperature.	Change testing environment to a proper one.
E-3	Improper blood sample applied or blood sample not properly applied.	1. Check if the blood sample has clotted, if yes, re-test with a fresh blood sample. 2. Check if the blood sample on sampler thread is enough, please ensure the cotton thread on the sampler becomes fully red. 3. Re-test of a fresh blood sample is recommended.
E-4	Buffer kit is not properly installed.	Re-install the buffer kit.
E-5	Communication fault.	Contact local distributor.
E-6	Buffer A not detected.	1.Check if the sealed cap is removed. 2.Clean the small/ large panels and light source area. 3.Re-test with a new test strip.
E-7	Delay in applying the blood sample.	1. Use a cotton swab to absorb residual buffer in the buffer port (hole in the small panel), clean the small/ large panel and clean the light source area. 2. Re-test with a new test strip and apply the blood sample timely.
E-8	Buffer B not detected.	1. Use a cotton swab to absorb residual buffer in the buffer port (hole in the small panel), clean the small/ large panel and clean the light source area. 2. Re-test with a new test strip and apply the blood sample timely.
E-9	Code chip used more than 25 times	Please replace the code chip when using a new test kit. Only use the calibration code chip provided in the corresponding test kit.
0	Low battery power.	Connect the analyzer to the power source and charge the battery.
Hi	Test result is higher than the measurement range of the analyzer.	Re-test. If the result still shows 'HI', take appropriate medical measures.
Lo	Test result is lower than the measurement range of the analyzer.	Re-test. If the result still shows 'LO', take appropriate medical measures.

W17-37EN RevA 09-2020