

WEGO威高 WGBG-200血糖仪及其配套试纸
WGBG-200 Blood Glucose Meter and Test Strips



WGBG-200 100% accuracy 100% satisfaction



SHANDONG WEIGAO GROUP MEDICAL POLYMER CO.,LTD.
Add: No.18 Xingshan Road,Torch Hi-Tech Industry Development
Zone,Weihai,China
Tel: 400 646 6666
Tel: +86 631 5721 999
Fax: +86 631 5621 999
Website: <http://www.weigaogroup.com>
Email: scb@weigaogroup.com



PRODUCT INTRODUCTION

WGBG-200 8 advanced technologies

Glucose oxidase

Highly specific GOD, which can identify glucose accurately, avoid interference from other saccharides, and prevent false high blood glucose.

No coding

Auto coding

The blood glucose meter can read the code of test strips automatically, proofread accurately, eliminate the batch difference.

HCT calibration

It can automatically identify the number of red blood cells, correct and compensate HCT, avoid matrix effect deviation, and meet the needs of anemia patients and plethora patients in hospital.

Auto poweron/Auto withdraw test strips

Insert and pull out the test strip, the machine will turn on and off automatically, push the button and it could automatically withdraw the strip

Anti-interference formula

Cholesterol →	← Vitamin C
Ibuprofen →	← Uric acid
Toluidine →	← Dopamine
Bilirubin →	← Aminophenol

Strong anti-interference ability which could eliminate the interference of drug metabolites, durable and stable effect, no chemical drift, reliable and accurate result.

Intelligent self-ins

Intelligently check test strip status and sample category, eliminate abnormal operation, ensure the results.

Temperature calibration

The blood glucose meter could feel the ambient temperature and compensate itself, eliminate the influence of temperature, make using safely.

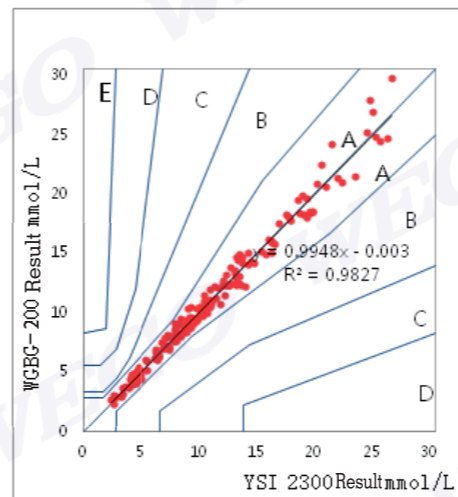
Silver carbon high precision electrode

Silver-Super conductivity; Carbon-Super stability. High precision printing electrode ensures the performance.

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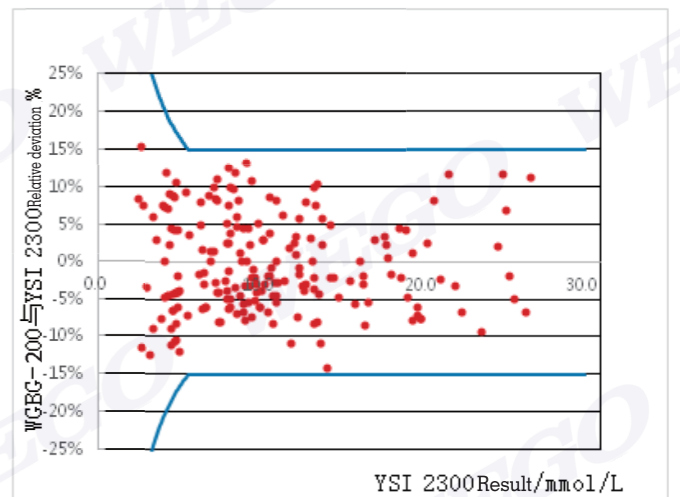
WGBG-200 accuracy statistical analysis : could meet requirements of ISO15197:2013.

Consensus error network graph(CEG)



Area A: No effect on the clinical diagnosis Area B: No or slight effect on clinical diagnosis Area C: It may have effect on clinical diagnosis Area D: It will affect the clinical diagnosis and cause adverse clinical risks. Area E: It will affect the clinical diagnosis and cause serious clinical consequences.

WGBG-100 relative deviation diagram



Deviation form

System accuracy results(Less than 5.55mmol/L)

Deviation	± 0.28mmol/L	± 0.56mmol/L	± 0.83mmol/L
Case number	19/43	42/43	43/43
Proportion	44%	97.60%	100%

System accuracy results(Less than 5.55mmol/L)

Deviation	± 5%	± 10%	± 15%
Case number	88/157	145/157	157/157
Proportion	56%	92.30%	100%

Specifications

Measuring method	Electrochemistry method	Testing time	4s
Testing range	1.1-33.3mmol/l	HCT	20%-60%
Test sample	Fresh capillary whole blood from fingertip or forearm	Operating temperature and humidity	10-40°C, 10-90%
Displaying results	Corresponding plasma glucose concentration	Power saving mode	Automatic shutdown if no operation in 2 minutes
Sample size	Less than 1uL	Results	500 test results and their date, average query
Battery life	One CR2032 button battery, more than 1000 times		
Package	Strips: 50 pcs/box Blood glucose meter: one machine and one blood collection pen		

Three simple steps



Auto poweron when insert the test strip



Automatically inhales the blood sample



Display results within 4s