

- Allow meter and test strips to sit at room temperature for 10 minutes. If opening vial for the first time, write 2. date opened on vial label.
- 3. Wash area to be lanced, dry.
- Remove one test strip from vial. Recap vial right away. 5. Insert Contact End of test strip into Test Port of meter. Meter turns on. Do not remove test strip from meter until testing is finished. Obtain blood drop. 6. With test strip still in meter, touch Sample Tip to top of blood drop and allow blood to be drawn into test strip. Remove 7. test strip from drop immediately after the meter beeps and dashes appear across meter display. If meter does not begin testing 5 seconds after touching test strip to blood drop, see the Troubleshooting Section in the meter's Owner's Booklet. Result is displayed. Record result. Hold meter with test strip pointing down. Press Strip Release Button to discard test strip into appropriate container.  ${igodysin gamma}$  Treat used test strips and lancets as a biological risk. Dispose used test strips and lancets in appropriate container.

## Expected Results for people without diabetes:<sup>3</sup>

Plasma Blood Glucose Result

Plasma Blood Glucose Result

Before breakfast < 5.6 mmol/L Two hours after meals < 7.8 mmol/L A doctor or healthcare professional determines personal target glucose ranges. If you are having symptoms

that suggest glucose is too low or too high, contact a doctor or healthcare professional right away

If comparing results using TRUE METRIX Test Strips to laboratory test results, perform a fingerstick blood test within 30 minutes of the laboratory test. If you have eaten recently, results using TRUE METRIX Test Strips can be up to 3.9 mmol/L higher than venous laboratory results.<sup>4</sup>

## Troubleshooting

- If a result is unusually high or low or doesn't match the way you feel, perform a Control Test (see Quality **Control Testing**).
- If the Control Test is within range:
- Read Blood Glucose Testing again
- Recheck results with a new TRUE METRIX Test Strip.
- If the results are not within range:
- Check the Use By Dates. Do not use if past either 4 months past written date or date printed next to whichever comes first) on test strip vial or control solution bottle. Test with new test strips/control solution.
- Check for error messages. If an error message appears, follow the Actions in the Message Section of the Owner's Booklet.
- Check testing technique. Perform another Control Test. If the results still do not match the way you feel, check with doctor or healthcare professional before changing the treatment program.

#### **Limitations**<sup>5</sup>

Do not use the System during a xylose absorption test. This may falsely raise glucose results.

Please check with a doctor before using the System. • Ascorbic acid (Vitamin C) greater than normal or therapeutic levels may cause significant interference resulting in inaccurate result.

• Uric acid can interfere with this device at normal and disease levels, when uric acid concentrations are greater than 0.3 mmol/L. For people with diabetes, certain conditions (including gout or kidney disease) may cause the blood level of uric acid to rise. This may cause significant interference resulting in inaccurate glucose results and the blood glucose results may be not reliable. Please check with a Doctor or Healthcare Professional before using the System.

The following will not affect accurate results:5

- Testing at altitudes up to and including 3109 metres.
- Hematocrit levels between 20% and 70%

Critically ill patients should not be tested with this device. Capillary blood glucose levels in critically ill patients with reduced peripheral blood flow may not reflect the true physiological state. Reduced peripheral blood flow may result from the following conditions (for example):6

shock • severe hypotension • severe dehydration

hyperglycaemia with hyperosmolarity, with or without ketosis.

Operating Conditions: 5-40°C, relative humidity (rH) 10%-90%.



TRUE METRIX

Within <u>+</u> 0.83 mmol/L or <u>+</u> 15% 99/100 (99%)

Parkes Error Grid: 100% of individual fingertip glucose measured values performed by users fell within Zone A of the Parkes Error Grid (PEG).

98% of TRUE METRIX forearm values performed by healthcare professionals (HCP) fell within 0.83 mmol/L of the YSI results at glucose levels < 5.55 mmol/L and within 15% at glucose levels  $\geq$  5.55 mmol/L.

## Forearm Samples (User vs. YSI) for glucose concentrations < 5.55 mmol/L

Within <u>+</u> 0.28 mmol/L	Within <u>+</u> 0.56 mmol/L	Within <u>+</u> 0.83 mmol/L
21/41 (51.2%)	32/41 (78%)	41/41 (100%)
	52, (. 67, 67	

Forearm Samples (HCP vs. YSI) for glucose concentrations  $\geq$  5.55 mmol/L

Within <u>+</u> 5%	Within <u>+</u> 10%	Within <u>+</u> 15%
21/59 (35.6%)	39/59 (66.1%)	57/59 (96.6%)

# Forearm Samples for glucose concentrations between 1.1-33.3 mmol/L

#### Within $\pm$ 0.83 mmol/L or $\pm$ 15%

98/100 (98%)

Parkes Error Grid: 100% of individual forearm glucose measured values performed by users fell within Zone A of the Parkes Error Grid (PEG).

**User Performance Evaluation:** A study evaluating glucose values from fingertip capillary blood samples obtained by 100 lay persons showed the following results: 100% within  $\pm$  0.83 mmol/L of the medical laboratory values at glucose concentrations below

5.55 mmol/L and 98.8% within  $\pm$  15% of the medical laboratory values at glucose concentrations at or above 5.55 mmol/L.

Additional Information: See the Owner's Booklets for more detailed instructions. The performance characteristics presented above are for the TRUE METRIX System. Please see the Performance Characteristics Section in the Owner's Booklet of the TRUE METRIX GO and TRUE METRIX AIR for the performance data specific to your system. Use the contact information on the cover of the Owner's Booklets for assistance. For medical assistance, call your Doctor or Healthcare Professional.

- References
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