

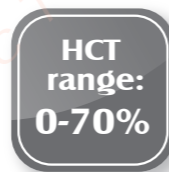
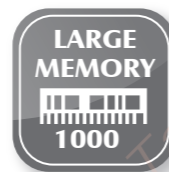
Procheck Advance

Multi-Functional Monitoring System



FEATURES

- Display Glucose, Ketone, and Cholesterol Level
- Automatic Strip Identification System
- Test strips expiry date reminder function



SPECIFICATIONS

Meter



Part No.	TD-4206A(Strip port) / TD-4206B(Bluetooth)
Ketone Warning	Yes
Communication	Strip Port or Bluetooth
Power Source	2 x AAA
Memory Capacity	1000 sets
Day Average	7, 14, 21, 28, 60, 90 days for blood glucose
Daily Alarm	4 daily alarms
Dimension	97 (L) x 62.2 (W) x 28.9 (H) mm
Weight	57.8g (without battery)
Operating Condition	10C to 40C (50F to 104F) and 10% to 85% R.H.
Storage Condition	-20 °C ~ +60 °C (Meter); 2°C ~ 30°C (Strip)

Shipping Info

Units Per Carton	40
Gross Weight Per Carton	12.8 kg
Carton Size	49.8 (L) x 35.8 (W) x 36 (H) cm

Glucose



Enzyme Type	GDH-FAD
Sample Size	0.8 µL
Reaction Time	5 seconds
Measurement Range	10 - 700 mg/dL (0.56 - 38.89 mmol/L)
Hematocrit Range	0% - 70%
Precision	SD < 5mg/dL (0.278mmol/L) if < 100mg/dL (5.56mmol/L); CV < 5% if ≥ 100mg/dL (5.56 mmol/L)
Accuracy	±15 mg/dL if < 100 mg/dL ; ±15% if ≥ 100 mg/dL
Package	Vial pack

Ketone



Sample Size	1.0 µL
Reaction Time	10 seconds
Measurement Range	0.1 - 8.0 mmol/L
Hematocrit Range	10% - 70%
Precision	≤ 1 mmol/L, SD < 0.1 mM; > 1 mmol/L, CV < 7.5%
Package	Single foil pack

Cholesterol



Sample size	3.0 µL
Reaction time	60 seconds
Measurement Range	100 ~ 400 mg/dL
Hematocrit Range	20% - 60%
Precision	CV < 7.5%
Package	Single foil pack

SPECIFICATIONS-Accessories

ACC-001	Bluetooth dongle
ACC-002	USB cable



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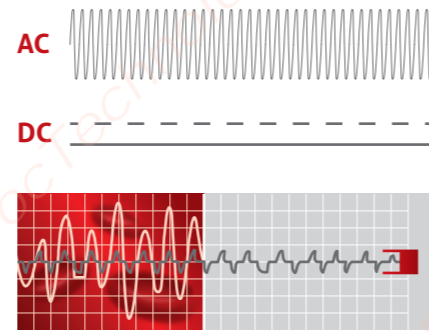
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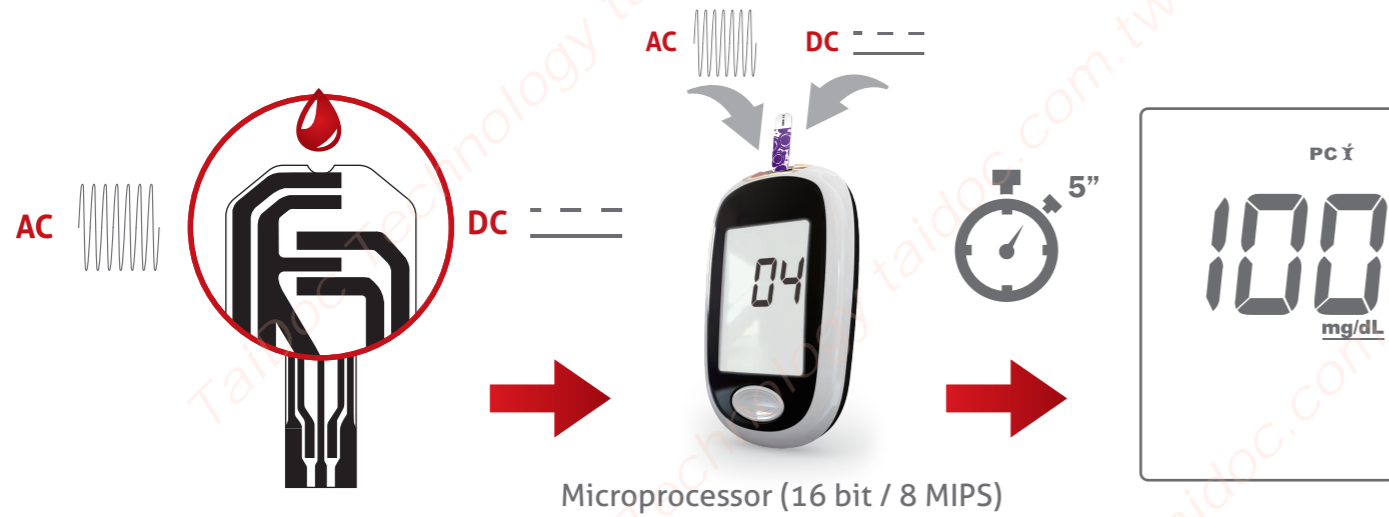
Benefits of the 2 + 2 Technology



- TaiDoc patented 2 + 2 (HCT Interference Compensation; 2 enzymes plus 2 signals) technology uses two different wales on the strips to detect HCT value by AC signal and glucose value by DC signal.
- Utilizing AC signal is used to calculate the hematocrit value in order to compensate the correct value for fast, small volume, accurate test.
- Utilizing DC signal is to calculate the glucose value.

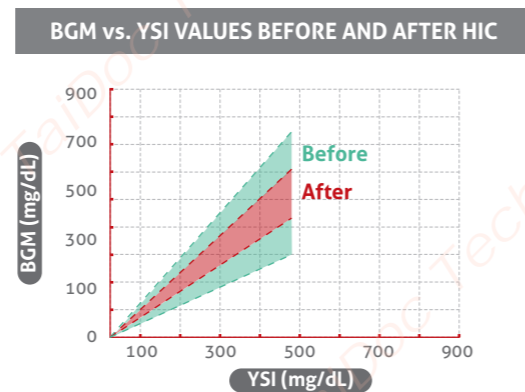
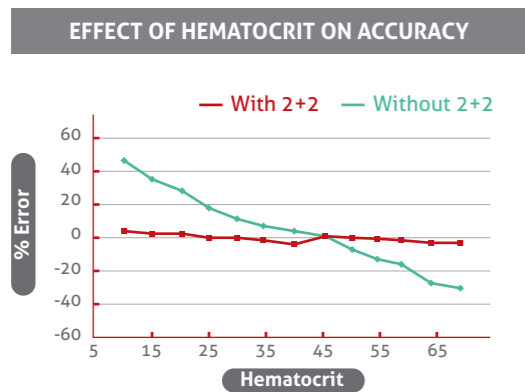


Feature



The Result

Simultaneous measurement of patient's hematocrit with algorithmic adjustment of glucose result.



Why Measure Blood Ketone?

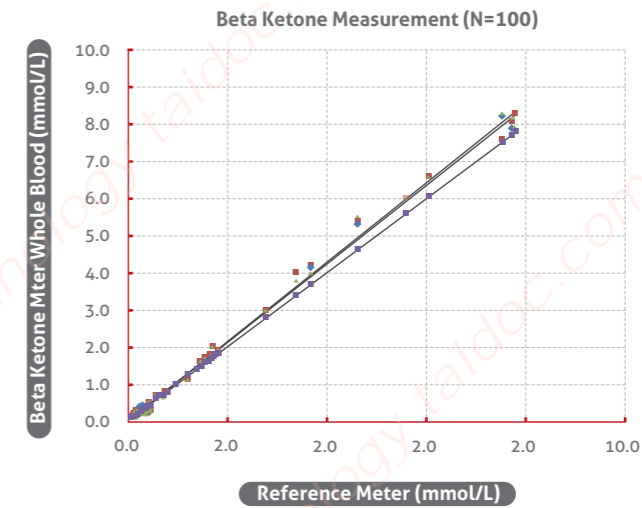


Ketones are a type of acid produced when there is a shortage of insulin in the blood and your body breaks down fat for fuel. The accumulation and elevated level of ketones will lead to diabetic ketoacidosis (DKA) which is a potentially life-threatening complication in diabetes patients, especially those with type1 diabetes.

American Diabetes Association now recommends testing your ketone level on sick days or blood glucose more than 300 mg/dL. A study in a New York Hospital also showed that if DKA was prevented at home, it could prevent physician visit, emergency department visit, and even hospital or intensive care admission.

TaiDoc Ketone Testing Result

β -ketone measurement result with 3 different lot (Reference method: β -Hydroxybutyrate LiquiColor)



Who should have a cholesterol test?



- Cigarette smoker
- High blood pressure
- Excess weight or obesity
- Diabetes patients
- Family or personal history of heart attack

Total Cholesterol Expected Values

Total Cholesterol (mg/dL)	
Desirable	< 200
Borderline	200 - 239
High	≥ 240



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