Screen for cholesterol and monitor glucose quickly and easily with the Accutrend Plus system

The #1 dual handheld meter from Roche Diagnostics¹
Test both cholesterol and glucose with one easy-to-use, handheld meter

Accutrend Plus from Roche Diagnostics

Trusted technology for a variety of healthcare settings
The Accutrend® Plus system is a flexible, handheld device ideal for professional use in non-hospital settings, such as community health screening fairs, physicians' offices, home healthcare agencies and pharmacies.

The Accutrend Plus system uses the same meter and strip technology that healthcare professionals have trusted in the ACCU-CHEK® InstantPlus since 1997. This next-generation meter features a bigger, easy-to-read display and a sleek ergonomic design for easy handling.

Reliable, convenient strip technology
Accutrend Glucose and Accutrend Cholesterol test strips provide fast, reliable results using the chemistry that has been proven for more than a decade. The strips can be stored at room temperature and can be dosed outside of the meter, which helps prevent cross-contamination and makes the system ideal for community health screenings.

Accutrend Plus: step-by-step
Test your patients’ total cholesterol or blood glucose level in just three simple steps:

1. Turn on the meter and insert the appropriate test strip: Accutrend Cholesterol or Accutrend Glucose.

2. Using a lancing device, collect and apply a drop of whole blood directly onto the test strip.

3. Close the device and wait for the test to be completed. The meter will display the result and indicate a high or low value.
Accutrend Plus Benefits

• Convenient — lets you test both cholesterol and glucose with one easy-to-use, handheld meter
• Out-of-meter dosing — ability to apply blood to the strip outside the meter helps prevent cross-contamination and improve patient safety, making it well-suited for the community health screening environment
• Fast, reliable results — helps healthcare provider make accurate diagnosis and appropriate treatment decisions
• Portability — lightweight, ergonomic design makes meter easy to handle and operate
• Large display — easy-to-read screen helps user view results and interpret them accurately
• Onboard QC — Built-in performance and quality control testing uses multiple checks to ensure accurate and reliable results
• Positive strip lot ID — Positive identification of strip lot and code parameters helps ensure accurate results and proper system performance
• Enhanced memory — Meter stores up to 100 results for each test parameter (glucose and cholesterol)

Cholesterol results in just 3 minutes
Cholesterol screening helps healthcare professionals and others identify patients at risk for cardiovascular disease. The Accutrend Plus system provides a simple, CLIA-waived test that delivers total cholesterol results in just three minutes. When patients with abnormal cholesterol levels are identified, their healthcare providers can help them quickly take the next step to better health by beginning an effective treatment program.

Blood glucose results in 12 seconds
Glucose testing enables caregivers and patients with diabetes to monitor blood sugar levels and helps ensure that appropriate therapeutic interventions are made as quickly as possible, to reduce the chance of developing potentially life-threatening complications.

CLIA-waived and easy to use, the Accutrend Plus system makes cholesterol and blood glucose testing a simple part of every office visit or community health screening program.
<table>
<thead>
<tr>
<th>Specification</th>
<th>Accutrend Cholesterol²</th>
<th>Accutrend Glucose³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample volume</td>
<td>Hanging drop of blood</td>
<td>Hanging drop of blood</td>
</tr>
<tr>
<td>Test time for results</td>
<td>180 sec.</td>
<td>12 sec.</td>
</tr>
<tr>
<td>Measuring range</td>
<td>150–300 mg/dL</td>
<td>20–600 mg/dL</td>
</tr>
<tr>
<td>Accuracy</td>
<td>$y = 1.057x - 14.9; r = 0.920$</td>
<td>$y = 0.973x - 0.4; r = 0.988$</td>
</tr>
<tr>
<td>Precision CV</td>
<td>LO = 2.9%, x = 203; range 173-224 mg/dL</td>
<td>HI = 2.4%</td>
</tr>
<tr>
<td>Reference method</td>
<td>Hitachi CHOD-PAP</td>
<td>Hitachi Glucoquant, hexokinase</td>
</tr>
<tr>
<td>Storage conditions</td>
<td>Room temperature</td>
<td>Room temperature</td>
</tr>
<tr>
<td>Test strip shelf life from date of manufacturing</td>
<td>18 months</td>
<td>18 months</td>
</tr>
</tbody>
</table>

**Accutrend Plus Meter Specifications⁴**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Accutrend Plus Meter Kit 05346754160</th>
<th>Accutrend Glucose test strips (25/vial) 11447475160</th>
<th>Accutrend Glucose control 05213231160</th>
<th>Accutrend Cholesterol test strips (25/vial) 05213312160</th>
<th>Accutrend Cholesterol control 05219957001</th>
</tr>
</thead>
</table>

**Ordering Information**

Make cholesterol screening and blood glucose monitoring simple, reliable, and efficient for your healthcare organization with the Accutrend Plus system. For more information or to order, contact your authorized Roche distributor or call your Roche Account Manager at 1-800-852-8766.

References

1. For handheld meters that measure both cholesterol and blood glucose. 2010 total market share of projected distributor unit sales of the Point of Care Testing Cholesterol Reagents and Kits product class by GHX Market Intelligence Data. Total Market includes all market sectors as defined by GHX, Physician, Long Term Care, Treatment Centers, Clinical Laboratory, Hospital, Home Healthcare, and Other/Unspecified. Data on file at Roche Diagnostics.

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