



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

*The #1 dual handheld meter  
from Roche Diagnostics<sup>1</sup>*



# 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 system 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.





### **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.*

### **Accutrend Plus Benefits<sup>4</sup>**

- 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 the 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)

### Accutrend Test Strip Specifications

Specification	Accutrend Cholesterol <sup>2</sup>	Accutrend Glucose <sup>3</sup>
Sample volume	Hanging drop of blood	Hanging drop of blood
Test time for results	180 sec.	12 sec.
Measuring range	150–300 mg/dL	20–600 mg/dL
Accuracy	$y=1.057x - 14.9$ ; $r=0.920$	$y= 0.973x - 0.4$ ; $r=0.988$
Precision CV	LO= 2.9%, $x= 203$ ; range 173–224 mg/dL	HI= 2.4%
Reference method	Hitachi CHOD-PAP	Hitachi Glucoquant, hexokinase
Storage conditions	Room temperature	Room temperature
Test strip shelf life from date of manufacturing	18 months	18 months

### Accutrend Plus Meter Specifications<sup>4</sup>

Specification	
Measuring principle	Reflectance (660 nm)
Sample type	Fresh capillary blood
Coding	Barcode
Size	154 mm x 81 mm x 30 mm
Power supply	Four AAA batteries
Battery life	> 1000 tests
Memory capacity	100 values for each parameter

### Ordering Information

Product	Catalog Number
Accutrend Plus Meter Kit	05346754160
Accutrend Glucose test strips (25/vial)	11447475160
Accutrend Glucose control	05213231160
Accutrend Cholesterol test strips (25/vial)	05213312160
Accutrend Cholesterol control	05219957001

**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.
2. Accutrend Cholesterol Test Strips package insert. Indianapolis, IN. Roche Diagnostics Corporation, 2008.
3. Accutrend Glucose Test Strips package insert. Indianapolis, IN. Roche Diagnostics Corporation, 2009.
4. Accutrend Plus User's Manual. Indianapolis, IN. Roche Diagnostics Corporation, 2010.

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