

Charm
EZ

INTRODUCING

A One Minute Antibiotic Test Using the Charm EZ System



Saves Driver Time
Identifies Operator Error
Requires Minimal Training



Insert Strip



Add Milk and Close Door

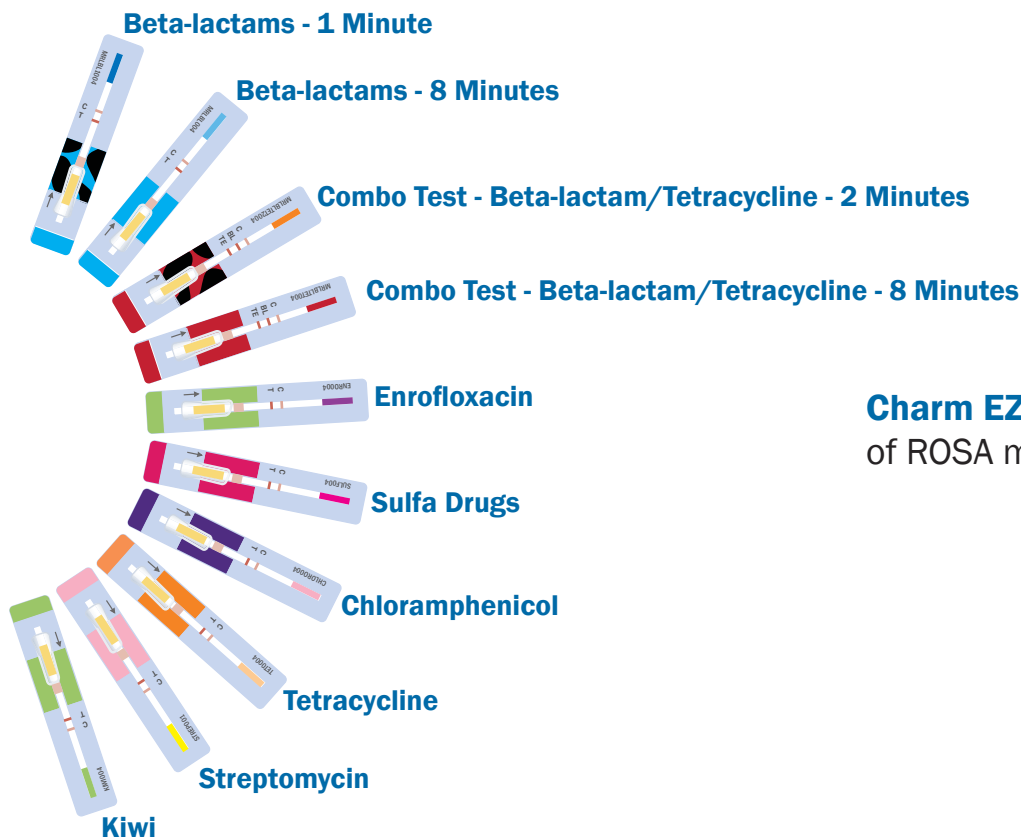


Results Display in One Minute

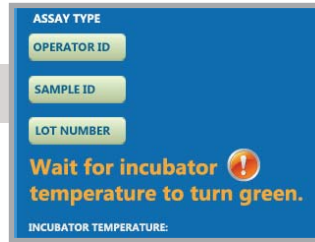


Strips are coded with unique color for identification by the Charm EZ.

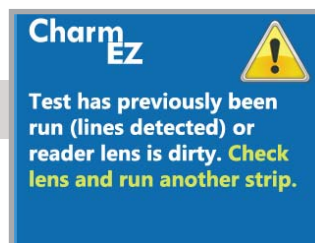
Charm EZ reads the strip color and automatically adjusts incubation time, temperature and channel to match.



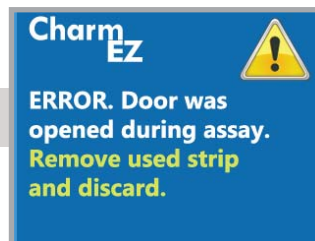
Charm EZ reads a complete range of ROSA milk tests.



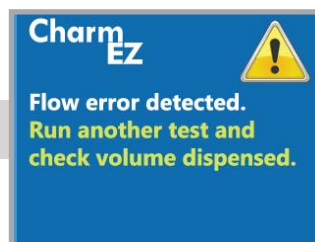
Will not start if temperature is not correct



Prevents previously run strip from being rerun



Invalidates test if door is opened or strip is removed during test



Checks to make sure milk addition is correct

Results are never lost, as SD card stores over 100,000 test results and internal memory backs-up 8,000.



Charm EZ results on the screen are automatically saved to both the SD card and backed up in the internal memory.



or USB Connection



Exported Results

Assay	Date	Time	Result	Answer	Test Line	Control Line	Lot Number	Roll Number	Sample ID	Technician	Serial #	X Line	Mode	Fail Code
MRLBL1	3-Jun-11	10:45:54	Negative	-2062	3783	2020	001	10	456	123	1112	0	Normal,Heat On	Invalid Control Line
MRLBL1	3-Jun-11	10:46:40	Invalid	48	48	48	001	10	457	123	1112	48	Normal,Heat On	Flow Error
MRLBL1	3-Jun-11	10:52:08	Negative	-2046	3409	1663	001	10	458	123	1112	0	Normal,Heat On	
MRLBL1	3-Jun-11	10:52:59	Invalid	48	48	48	001	10	459	123	1112	48	Normal,Heat On	Dirty Optics or Previous Run Strip
MRLBL1	3-Jun-11	12:06:48	Invalid	48	48	48	001	10	460	123	1112	48	Normal,Heat On	Door Opened
MRLBL1	3-Jun-11	13:29:13	Negative	-1940	3714	2074	001	10	461	123	1112	0	Normal,Heat On	
MRLBL1	3-Jun-11	13:48:34	Negative	-1663	3723	2359	001	10	462	123	1112	0	Normal,Heat On	
MRLBL1	3-Jun-11	13:51:54	Positive	2869	1082	3551	001	10	463	123	1112	0	Normal,Heat On	Strip Removed



Touch Fields to Enter Information



CharmEZ 

Test has previously been run (lines detected) or reader lens is dirty. **Check lens and run another strip.**



Charm EZ alerts user when cleaning is required. Cleaning is fast and simple with the removable slide mechanism.



Multiple Language Options

French
Italian
Japanese
Dutch

Polish
German
Portuguese
And More



Customizable digital signal output available for possible integration with your valve control system



SD card or USB



Firmware and Menu upgrades

Firmware updates, new languages and menus upgrades are fast and simple to install through either an SD Card or the USB interface.

Unit Dimensions:	17 x 16.4 x 7 cm (W x H x D)
Weight:	0.5 kg
Screen Dimensions:	5.6 x 7.3 cm (W x H)
Screen Display:	64 bit, LED backlighted color 8.9 cm display
User Interface:	Touch Screen
Power Source (AC):	12 V DC Adapters for 110 V / 60 Hz or 220 V / 50 Hz
Auto Adapters:	12 V, and 24 V DC (with converter)
Calibration:	Factory Set (controls available for verification)
Memory Capacity:	100,000 Tests
Data Port:	USB and SD card slot
Data Output:	Test ID, Sample ID, Operator ID, Test Result, Temperature, Date and Time



12V Auto Adapter: PWR-AUTOCRD
24V ---> 12V Power Converter: PWR-CONV-24/12



Thermal Printer (part #: PRN-EZ-Reader)

Distributor Info