Systems



Charm Sciences offers two Charm II systems. Each system is configured with all the components required to test a specific set of commodities.

The Charm II 6600 System This system is ideal for milk and honey testing.

Key components include:

- Charm II Analyzer
- Inctronic II 12-place Dual Incubator
- 6600 Centrifuge
- Opti-Fluor[®]LSC Pipets
- Dispenser

The Charm II 7600 System This system is ideal for testing muscle tissues, liver, grain and feed stuffs, fish, urine, cooked meat and seafood, water, fruits and vegetables, and other food products.

Key components include:

Charm II Analyzer

· Prep broad with vortex

- Inctronic II 12-place Dual Incubator
- 7600 Centrifuge

• Dispenser

· Large bore incubator

• Prep board with vortex

Thermal printer

- Thermal printer Opti-Fluor LSC
 - Pipets

Blender



Specifications & Order Codes

Specifications	Unit Dimensions	520 x 310 x 13 cm (W x H x D)		
	Weight:	22 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:	90-132 V or 175-264 V AC, 50/60 Hz, 75 VA		
	Environment:	Temp: 0-50° C		
	Detector:	Two PM tubes working in coincidence. Coincidence resolution time: 60ns		
	Vials:	13x100 mm Borosilicate Glass Test Tubes, or Pocketswabs with adapter, or 2 mL microcentrifuge tubes with adapter		
	Performance:	Counting efficiency typically: H3 26% and C14 68% H3 cross-talk from C14 should be less than 30% C14 cross-talk from H3 should be less than 10%	es	
	Communication:	One RS-232C serial interface. Output connectors for computer or printer	po	Order Codes:
			Order Codes	6600-S
	Option:	Charm C2Soft Data Acquisition Package, requires IBM-PC	de	7600-S
		compatible computer with RS-232C serial port		SOFTWA



0-SYSTEM Charm II 6600 System, 110 V 0-SYSTEM Charm II 7600 System, 110 V WARE-C2 Software-C2

Contains:

659 Andover Street, Lawrence, MA 01843-1032, USA T +1.978.687.9200 | F +1.978.687.9216 | E info@charm.com | www.charm.com

© 2015 Charm Sciences, Inc. Charm is a registered trademarks of Charm Sciences, Inc. Opti-Fluor is a registered trademark of Perkin Elmer in the United States and other countries.

MRK-047-003 Dec-2015



Charm II System—Rapid, Comprehensive Testing for Residue



CHARM II Superior Science

Charm II is a multipurpose liquid scintillation counter (LSC) and luminometer system that can run a wide range of rugged rapid receptor assays. It detects residues in meat tissues, dairy, animal urine, farmed fish and shrimp, water, eggs, feed and honey.

Multi-Testing \checkmark

Tests for antibiotics, aflatoxin, pesticides, alkaline phosphatase and ATP

Multiple Matrices

Tests on dairy, water, honey, meat, fish, seafood, feed, eggs, urine

US SL, MRL & CODEX Level Screening Methods \checkmark

The Charm II system adheres to various microbial screening methods. With screening methods in place, residue monitoring is simple.

Multiple Antibiotic Families \checkmark

Beta-lactams, tetracyclines, sulfonamides, amphenicols, macrolides/lincosamides, aminoglycosides, novobiocin

Detects Drugs and their Metabolites

Beta-lactams, tetracyclines, sulfonamides, amphenicols, macrolides/lincosamides, aminoglycosides, novobiocin



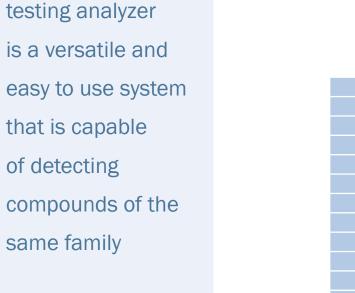
3 Simple Steps







The **Charm II** multi-



Maximize your Investment

One Instrument, Multiple Tests: The Charm II system's unprecedented versatility allows for a variety of different tests to be run with a single instrument.

		Aminoglycoside	Gentamicin Type	Amphenicols	Beta-lactams
Muscle Tissue	ICS		х	х	Х
Liver			Х	Х	Х
Urine			х	х	Х
Serum			Х	х	Х
Egg			х	х	Х
Grain & Feed Stuffs			х	X	Х
Environmental & Product	ANTIBIOTICS				Х
Honey	NTIE			X	Х
Milk	A		х	х	х
Farmed Fish			х	X	Х
Fruits & Vegetables					
Water				х	Х
Clear Juice					
Ground Nuts					
Cooked Meat			х		Х

Instrument Overview



Charm II Antibiotic and Aflatoxin

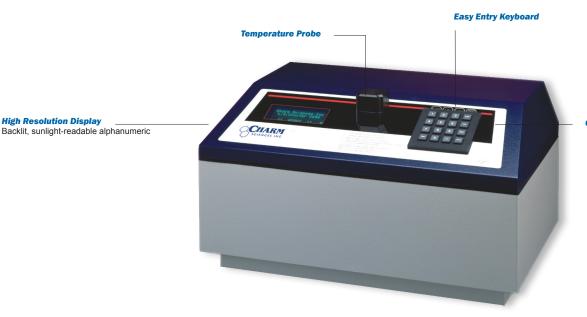
- Dilute liquid samples
- · Grind solid samples with provided buffer
- Eliminate solids by centrifugation
- Protocol available for any matrix

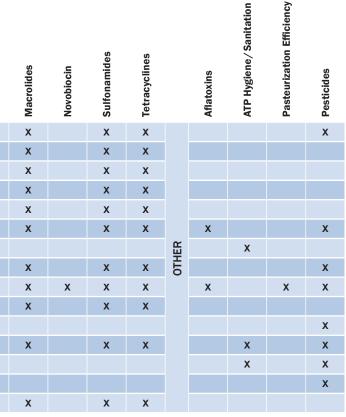
Inctronic II Incubator/Centrifuge

- Adjustable temperature
- Dual heating block
- · Built-in timer
- · Digital temperature sensor
- Same incubator for all antibiotic families and aflatoxins
- Prepare sample for counting by centrifugation

6600-7600 Analyzer

- · Automated printout of date, time, assay type, sample & operator ID, Lot # and results
- Computer ready for C2Soft option
- Suitable for all Charm II applications
- Suitable for some ATP based applications





For most recent product and details, please contact Charm Science, Inc

Duick and Secure Insertio