

## Technical Bulletin #07

**To:** Coulometrics Authorized Overseas Distributors  
**From:** Engineering Dept. UIC Inc.  
**Date:** REV. Jan 8, 2005  
**Subject:** Recommended electronic spare parts for service of Coulometers

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### Purpose:

The purpose of this memo is to recommend spare parts for repair of Carbon Coulometers and Sulfur Coulometers. These parts are not typically needed by customers and are not on the Instruments supplies and parts lists.

Item #	Part #	Description	Used on Models
	1 CM101-002	Stirrer Motor Assembly	3200, 5011, 5012, 5014, 5014S
	2 CM101-125	Time Set Switch assy.	3200, 5011, 5012
	3 CM101-139	Calibrated set of Boards	5011, 5012
	4 CM101-238	Optics Kit	3200,5011,5012,5014
	5 CM101-240	Calibrated set of Boards	5014 (035014016 and later)
	6 CM101-241	Calibrated set of Boards	5014 up to 035014016,5014S
	7 CM110-017	CPU PCB (Hitachi MCU)	3200, 5011, older 5012
	8 CM110-018	Display PCB	3200, 5011, 5012
	9 CM110-021	Power Dist. PCB	3200,5011,5012,5014,5014S
	10 CM110-026	Amp. Front End PCB	3200, 5014S
	11 CM110-029	Meter driver PCB	3200, 5011
	12 CM110-037	Meter driver PCB	5012 ONLY
	13 CM110-047	8032 MCU PCB	5012 ONLY
	14 CM115-001	"+/-"15 Volt Power Supply	3200, 5011, 5012
	15 CM116-006	Meter, Digital Panel	3200, 5011
	16 CM116-008	Meter, Digital Panel	5012 ONLY
	17 CM124-031	Plasmadot display	5014, 5014S
	18 CM124-038	Floppy Disk Drive	5014, 5014S
	19 CM133-001	Microprocessor For Cm110-017	3200, 5011, Older 5012
	20 CM133-058	Thumbtest EPROM for CM110-017	3200,5011,Older 5012
	21 CM133-064	Thumbtest EPROM for CM110-047	5012 ONLY
	22 CM138-040	Keyboard & Panel Assembly	5014, 5014S
	23 CM138-041	Mode switch	3200, 5011, 5012
	24 CM140-005	Lamp	3200, 5011,5012, 5014
	25 CM150-001	"+5" Volt power Supply	3200, 5011, 5012
	26 CM150-003	Transformer Assy.	3200,5011,5012,5014, 5014S
	27 CM150-005	%T Adjustment Assy.	3200, 5011, 5012
	28 CM150-035	"+12" Volt Power Supply	5014,5014S