

# CURRENT INDUSTRIAL REPORTS SERIES

## DEFINITIONS AND SPECIAL INSTRUCTIONS - Continued

### 2007 MA334A — ELECTROMEDICAL EQUIPMENT AND ANALYTICAL INSTRUMENTS

#### DEFINITIONS AND SPECIAL INSTRUCTIONS

##### 1. Scope of this survey

This survey covers all companies engaged in the manufacture of all electromedical equipment, analytical instruments including component parts, and optical instruments and lenses, in the United States.

##### 2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact shown on the report form or write to the U.S. Census Bureau for additional forms.

##### a. Value of Shipments

The figures on value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments. The quantity of shipments is no longer collected.

##### Shipments should include the following:

- (1) Private brand units as well as your own company brand units.
- (2) Leased machines and equipment – For products leased or rented by your company, report the number and estimated value. The estimate should approximate the value of the products sold outright. If no such basis is available, you may use the valuation placed on these items for tax, insurance, or similar purposes.

##### Do not include the following:

- (1) Products manufactured for you by others
- (2) Imports which are reshipped without further domestic manufacture

##### Your figure should include:

- (1) X-ray equipment
- (2) Medical electronic systems and system components

*(See Reference List for complete list of products collected in this survey.)*

##### b. Columnar structure of report

When entering your figures on the report, please be sure to report the information in the correct columns, as follows:

Quantity, no longer collected

*Column 1* — Value (report shipments in thousands of dollars. Example: \$1,000,000, report as \$1,000)

##### 3. Definitions

The product detail for this survey, as shown in the Reference List is defined according to standard nomenclature for this industry.

Development and/or manufacture of Medical Picture Archiving and Communications Systems (MED-PACS) must include:

Image acquisition, digital archiving and storage, communication, and video display devices.

##### Also include:

Components, such as disk drives, displays, signal converters, output devices, software and associated communications equipment.

# CURRENT INDUSTRIAL REPORTS SERIES

## DEFINITIONS AND SPECIAL INSTRUCTIONS - Continued

### 4. Comparability

Data reported in this survey should correspond to data reported in the Economic Census - Manufacturing Sector form. The sum of values for item codes shown in column (a) should correspond to dollar values reported under product codes indicated in column (b) below.

Current Industrial Reports (Form MA334A)	Economic Census - Manufacturing Sector
Item codes (a)	Product codes (b)
2105 through 2145	3333143500
2305 through 2385	3345101100
2505 through 2585	3345160100
2705 through 2735	3345170100

**CURRENT INDUSTRIAL REPORTS SERIES**  
**DEFINITIONS AND SPECIAL INSTRUCTIONS - Continued**

**REFERENCE LIST**

FORM <b>MA334A</b>		<b>ELECTROMEDICAL EQUIPMENT AND ANALYTICAL INSTRUMENTS</b>
Product code	Item code	Item Description
		<b>OPTICAL INSTRUMENTS AND LENSES (Report value only)</b>
3333143119	2105	Binoculars and astronomical instruments, parts, and accessories, including mountings
3333143231	2110	Optical test and inspection equipment
3333143232	2115	Optical instruments used for inspecting semiconductors, wafers, and photo masks
3333143235	2120	Optical components: filters
3333143237	2125	Optical components: unmounted lenses
3333143242	2130	Optical components: mounted lenses
3333143243	2135	Optical components: other
3333143245	2140	Other optical instruments
3333143251	2145	Parts and accessories
<b>3333143500</b>	<b>2197</b>	<b>Total optical instruments and lenses (sum of item codes 2105–2145)</b>
		<b>ELECTROMEDICAL AND ELECTROTHERAPEUTIC APPARATUS</b>
		<b>MEDICAL DIAGNOSTIC EQUIPMENT</b>
3345101106	2305	Ultrasound scanning devices
3345101109	2310	Electrocardiograph (EKG)
3345101124	2315	All other medical diagnostic equipment ( <i>specify kind</i> )
		Patient monitoring equipment:
3345101227	2320	Intensive care/coronary care units, including component modules such as temperature, blood pressure, and pulse
3345101233	2325	Prenatal and respiratory monitoring
3345101237	2330	All other patient monitoring ( <i>specify kind</i> )
		<b>MEDICAL THERAPY EQUIPMENT</b>
3345101241	2335	Ultrasound therapy
3345101247	2340	Defibrillators
3345101251	2345	Dialyzers, includes machines and equipment ( <i>specify kind</i> )
3345101254	2350	Medical laser equipment
3345101257	2355	All other medical therapy equipment
		<b>SURGICAL SYSTEMS</b>
3345101361	2360	Electrosurgical equipment
3345101372	2376	All other surgical support systems
3345101374	2380	Other electromedical and electrotherapeutic apparatus
3345101477	2385	Electromedical and electrotherapeutic parts and accessories
<b>3345101100</b>	<b>2397</b>	<b>Total electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (sum of item codes 2305–2385)</b>

# CURRENT INDUSTRIAL REPORTS SERIES

## DEFINITIONS AND SPECIAL INSTRUCTIONS - Continued

### REFERENCE LIST—Continued

FORM <b>MA334A</b>		
Product code	Item code	Item Description
		<b>ANALYTICAL AND SCIENTIFIC INSTRUMENTS, EXCEPT OPTICAL</b>
3345160111	2505	Electrochemical instruments
3345160112	2510	Chromatographic instruments
3345160134	2515	Spectrophotometric instruments
3345160135	2520	Thermal analysis instruments
3345160145	2525	Mass spectroscopy instruments
		<b>Laboratory instrumentation, includes instruments used in the clinical laboratory for measuring, analyzing, and processing clinical specimens:</b>
3345160147	2530	Laboratory instrumentation: Chemistry—measure and identify substances, e.g., metabolites, enzymes, and drugs
3345160149	2535	Laboratory instrumentation: Hematology—measure and identify substances or cells contained in blood or substances influencing the development and clotting of blood, e.g., blood cell counting coagulation factors
3345160151	2540	Laboratory instrumentation: Microbiology—enumerate or identify pathogenic organisms or measure their susceptibility to antimicrobial agents
3345160155	2555	Laboratory instrumentation: Blood bank and immunology—process blood and specimens for testing; measure and identify, using immunoassay, substances in clinical specimens
3345160160	2559	Other clinical laboratory instrumentation
3345160162	2573	Organic elemental analysis instruments (Carbon, Hydrogen, Nitrogen, Oxygen, Sulphur)
3345160163	2575	Gas detectors
3345160165	2580	Other analytical and scientific instruments
3345160167	2585	Parts—Components and accessories for analytical and scientific instruments, sold separately
<b>3345160100</b>	<b>2597</b>	<b>Total analytical and scientific instruments (sum of item codes 2505–2585)</b>
		<b>IRRADIATION APPARATUS</b>
		<b>Medical Diagnostic Equipment</b>
		Medical X-ray equipment (report non-medical X-ray equipment under other irradiation apparatus):
3345170103	2705	Digital radiography equipment
3345170106	2710	Computerized axial tomography (CT or CAT scan)
3345170112	2715	All other medical diagnostic X-ray equipment, including dental and conventional
3345170115	2720	Nuclear medicine equipment

**CURRENT INDUSTRIAL REPORTS SERIES**  
**DEFINITIONS AND SPECIAL INSTRUCTIONS - Continued**

**REFERENCE LIST—Continued**

FORM MA334A		
Product code	Item code	Item Description
		<b>OTHER IRRADIATION APPARATUS</b>
3345170121	2725	Industrial and scientific X-ray equipment
3345170124	2730	X-ray tubes (sold separately)
3345170332	2735	Other irradiation equipment, including parts and accessories for X-ray equipment
<b>3345170100</b>	<b>2797</b>	<b>Total irradiation apparatus manufacturing (<i>sum of item codes 2705—2735</i>)</b>
		<b>SELECTED NONMANUFACTURING REVENUES</b>
999998900	9965	Resales—Sales of products bought and sold without further manufacture, processing, or assembly
9997373100	9970	Medical picture archiving and communications equipment (MED-PACS)
999998041	9975	Receipts for research and development work
NOTES:		

8/21/07

**DUE DATE:** 30 Days After Receipt

OMB No. 0607-0476: Approval expires 09-30-08

**REPORT FOR** CALENDAR YR 2007

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

FORM **MA334A**

**CURRENT INDUSTRIAL REPORTS**

ELECTROMEDICAL EQUIPMENT  
AND ANALYTICAL INSTRUMENTS

Annual Report

The 8-digit number that appears above indicates that the Office of Management and Budget has approved this survey. If that number is not displayed, do not complete this form. **YOUR RESPONSE IS REQUIRED BY LAW** (Title 13, United States Code). By section 9 of the same law, **YOUR REPORT IS CONFIDENTIAL**. It may be seen only by persons sworn to uphold the confidentiality of Census Bureau information and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

**In correspondence pertaining to this establishment's report, please refer to the 11 digit Identification Number (ID) 01234567890**



ID 01234567890 574 00 0701 17 MA334A  
00 2007A1 MA334A

SEQ: 1

ATTN: Controller  
TEST FORM

SUITLAND MD 20850

If you have questions regarding this report form please contact:  
TAMARIA ALLEN X2  
1(800)201-4647

**EMPLOYER IDENTIFICATION (EI) NUMBER.** Identification number used on Employer's Quarterly Federal Tax Return (U.S. Treasury Department Form 941) **(Enter if not shown, correct if wrong.)**

**CONTACT PERSON** (Enter information if not shown, correct if wrong.)

Name ATTN: Controller

Area code Number

Fax number

(Please correct any error in name and address including ZIP Code)

Enter or correct email address: [  ]

**PART I FOR EACH ITEM LISTED BELOW, ENTER FIGURES OR "0" for current period. (The figures shown in the shaded areas were reported for the previous two periods.) PLEASE REFER TO THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT FORM.**

Item (Product code - Description)	Item code	Report period	Value {\$1000}	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}					
				1	2	3	4	5	6
If BOOK FIGURES are not readily available, reasonable estimates are acceptable.									
OPTICAL INSTRUMENTS AND LENSES {Report value only}									
3333143119-Binoculars and astronomical instruments, parts, and accessories, including mountings	2105	2007							
		2006							
		2005							
3333143231-Optical test and inspection equipment	2110	2007							
		2006							
		2005							

\* Figures not received when form was prepared. PLEASE ENTER, if not previously submitted.

**CURRENT INDUSTRIAL REPORTS - Continued**

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**PART I - Continued**

Item (Product code - Description)	Item code	Report period	Value					
			1	2	3	4	5	6
3333143232-Optical instruments used for inspecting semiconductors, wafers, and photo masks	2115	2007						
		2006						
		2005						
3333143235-Optical components: filters	2120	2007						
		2006						
		2005						
3333143237-Optical components: unmounted lenses	2125	2007						
		2006						
		2005						
3333143242-Optical components: mounted lenses	2130	2007						
		2006						
		2005						
3333143243-Optical components: other	2135	2007						
		2006						
		2005						
3333143245-Other optical instruments	2140	2007						
		2006						
		2005						
3333143251-Parts and accessories	2145	2007						
		2006						
		2005						
3333143500-Total optical instruments and lenses {sum of items 2105-2145}	2197	2007						
		2006						
		2005						
ELECTROMEDICAL AND ELECTROTHERAPEUTIC APPARATUS								
3345101106-Medical diagnostic equipment: Ultrasound scanning devices	2305	2007						
		2006						
		2005						

**CURRENT INDUSTRIAL REPORTS - Continued**

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**PART I - Continued**

Item (Product code - Description)	Item code	Report period	Value {\$1000}	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}					
				1	2	3	4	5	6
3345101109-Medical diagnostic equip.: Electrocardiograph {EKG}	2310	2007							
		2006							
		2005							
3345101124-Medical diagnostic equip.: All other medical diagnostic equipment {specify kind}	2315	2007							
		2006							
		2005							
3345101227-Patient monitoring equip.: ICU/CCU, incl. component modules such as temp., blood press., & pulse	2320	2007							
		2006							
		2005							
3345101233-Patient monitoring equipment: Prenatal and respiratory monitoring	2325	2007							
		2006							
		2005							
3345101237-Patient monitoring equipment: All other {specify kind}	2330	2007							
		2006							
		2005							
3345101241-Medical therapy equipment: Ultrasound therapy	2335	2007							
		2006							
		2005							
3345101247-Medical therapy equipment: Defibrillators	2340	2007							
		2006							
		2005							
3345101251-Medical therapy equipment: Dialyzers, incl. machines & equipment {specify kind}	2345	2007							
		2006							
		2005							
3345101254-Medical therapy equipment: Medical laser equipment	2350	2007							
		2006							
		2005							
3345101257-Medical therapy equipment: All other	2355	2007							
		2006							
		2005							



**CURRENT INDUSTRIAL REPORTS - Continued**

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**PART I - Continued**

Item (Product code - Description)	Item code	Report period	Value					
			1	2	3	4	5	6
3345101361-Surgical systems: Electrosurgical equipment	2360	2007						
		2006						
		2005						
3345101372-Surgical systems: All other surgical support systems	2376	2007						
		2006						
		2005						
3345101374-Other electromedical and electrotherapeutic apparatus	2380	2007						
		2006						
		2005						
3345101477-Electromedical and electrotherapeutic parts and accessories	2385	2007						
		2006						
		2005						
3345101100-Total electromed. equip., incl. diagnostic, therapeutic, patient monitoring equip. {sum of 2305-2385}	2397	2007						
		2006						
		2005						
ANALYTICAL AND SCIENTIFIC INSTRUMENTS, {EXCEPT OPTICAL}								
3345160111-Electrochemical instruments	2505	2007						
		2006						
		2005						
3345160112-Chromatographic instruments	2510	2007						
		2006						
		2005						
3345160134-Spectrophotometric instruments	2515	2007						
		2006						
		2005						
3345160135-Thermal analysis instruments	2520	2007						
		2006						
		2005						

**CURRENT INDUSTRIAL REPORTS - Continued**

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**PART I - Continued**

Item (Product code - Description)	Item code	Report period	Value					
			{ \$1000 }					
3345160145-Mass spectroscopy instruments	2525	2007	1	2	3	4	5	6
		2006						
		2005						
Laboratory instrumentation, includes instruments used in the clinical laboratory {see manual}								
3345160147-Laboratory instrumentation: Chemistry-measure & identify substances, e.g., metabolites, enzymes & drugs	2530	2007						
		2006						
		2005						
3345160149-Laboratory instrumentation: Hematology-measure & identify substances or cells in blood {see manual}	2535	2007						
		2006						
		2005						
3345160151-Laboratory instrumentation: Microbiology-enumerate, identify pathogenic organisms {see manual}	2540	2007						
		2006						
		2005						
3345160155-Laboratory instrumentation: Blood bank and immunology {see manual}	2555	2007						
		2006						
		2005						
3345160160-Other clinical laboratory instrumentation	2559	2007						
		2006						
		2005						
3345160162-Organic elemental analysis instruments {Carbon, Hydrogen, Nitrogen, Oxygen, Sulphur}	2573	2007						
		2006						
		2005						
3345160163-Gas detectors	2575	2007						
		2006						
		2005						
3345160165-Other analytical and scientific instruments	2580	2007						
		2006						
		2005						

**CURRENT INDUSTRIAL REPORTS - Continued**

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**PART I - Continued**

Item (Product code - Description)	Item code	Report period	Value						
			{ \$1000 }	1	2	3	4	5	6
3345160167-Parts-Components & accessories for analytical & scientific instruments, sold separately	2585	2007							
		2006							
		2005							
3345160100-Total analytical & scientific instruments {sum of items 2505-2585}	2597	2007							
		2006							
		2005							
IRRADIATION APPARATUS-Medical Diagnostic Equip. {Report non-medical X-ray equip. under other irradiation apparatus}		2007							
		2006							
		2005							
3345170103-Medical X-ray equipment: Digital radiography equipment	2705	2007							
		2006							
		2005							
3345170106-Medical X-ray equipment: Computerized axial tomography {CT or CAT scan}	2710	2007							
		2006							
		2005							
3345170112-Medical X-ray equipment: All other medical diagnostic X-ray equipment, incl. dental & conventional	2715	2007							
		2006							
		2005							
3345170115-Nuclear medicine equipment	2720	2007							
		2006							
		2005							
OTHER IRRADIATION APPARATUS		2007							
		2006							
		2005							
3345170121-Industrial and scientific X-ray equipment	2725	2007							
		2006							
		2005							
3345170124-X-ray tubes {sold separately}	2730	2007							
		2006							
		2005							

**CURRENT INDUSTRIAL REPORTS - Continued**

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**PART I - Continued**

Item (Product code - Description)	Item code	Report period	Value						
			{ \$1000 }	1	2	3	4	5	6
3345170332-Other irradiation equipment, incl. parts and accessories for X-ray equipment	2735	2007							
		2006							
		2005							
3345170100-Total irradiation apparatus manufacturing {sum of items 2705-2735}	2797	2007							
		2006							
		2005							
SELECTED NONMANUFACTURING REVENUES									
9999998900-Resales - Sales of products bought & sold without further manufacture, processing, or assembly	9965	2007							
		2006							
		2005							
9997373100-Medical picture archiving & communications equipment {MED-PACS}	9970	2007							
		2006							
		2005							
9999998041-Receipts for research and development work	9975	2007							
		2006							
		2005							

▶ PART I - Continued								
Item (Product code - Description)	Item code	Report period						
			1	2	3	4	5	6

**If all your items are not listed, please use additional lines or a blank sheet of paper.**

▶ **PART II Has there been any change in the ownership or operation of this establishment during this period?**  
 Yes - Indicate type of change below.       No - Skip to Part III.

	Name of company	Address (Number and street, city, State, ZIP Code)	Date of change
A. <input type="checkbox"/> Purchased from			
B. <input type="checkbox"/> Sold to			
C. <input type="checkbox"/> Plant discontinued all operations	Date		
D. <input type="checkbox"/> Plant operations no longer covered by this survey - Describe in "Remarks" the products currently produced.			
E. <input type="checkbox"/> Reorganized - Describe in "Remarks;" e.g., partnership change or change in corporate status.			

▶ **PART III Do the figures shown on this report and on your last report cover the identical establishments?**  
 Yes       No - Indicate reasons for difference in "Remarks."

▶ **PART IV** Remarks

▶ **PART V CERTIFICATION** - This report is substantially accurate and has been prepared in accordance with instructions.

Signature of authorized official	Title	Date
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Complete and return this form in the envelope provided or to: **Bureau of the Census  
1201 East Tenth Street  
Jeffersonville, IN 47132**

**NOTE:** Please make a photocopy of this for your records.