

# FORM 3

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

OMB APPROVAL

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## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* Hansen, Robert D. c/o Electromed, Inc. 500 Sixth Street NW New Prague MN 56071	2. Date of Event Requiring Statement (Month/Day/Year) 08/04/2010	3. Issuer Name and Ticker or Trading Symbol Electromed, Inc. [ELMD]	
		4. Relationship of Reporting Person(s) to Issuer (check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)  Chief Executive Officer	5. If amendment, Date Original Filed (Month/Day/Year)
6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More Than One Reporting Person			

### Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	569,355	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 5(b)(v).

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Form 3 (cont.)  
 Name and Address of Reporting Person  
 Hansen, Robert D.  
 c/o Electromed, Inc.  
 500 Sixth Street NW  
 New Prague MN 56071

Issuer Name and Ticker or Trading Symbol  
 Electromed, Inc. [ELMD]

Period Of Report  
 08/04/2010

**Table II -Derivative Securities Beneficially Owned  
 (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (mm/dd/yy)		3. Title and Amount of Securities Underlying Derivative Securities (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Securities: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exer- cisable	Expiration Date	Title	Amount or Number of Shares			
Warrant	(1)	11/24/2018	Common Stock	35,000	\$3.50	D	

Explanation of Responses:

(1) - Fully exercisable as to 7,000 shares; 7,000 shares shall become exercisable on November 24 of each of 2010, 2011, 2012, and 2013.

By: /s/ Robert D. Hansen  
 \*\*Signature of Reporting Person

8/4/2010  
 Date

\*\*Intentional misstatements or omissions of facts constitute Federal Criminal Violations.

See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure.

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