

StatSure Diagnostic Systems, Inc.

Form SC 13G

December 21, 2007

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OMB APPROVAL  
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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
SCHEDULE 13G  
Under the Securities Exchange Act of 1934  
StatSure Diagnostic Systems, Inc.**

(Name of Issuer)  
**Common Stock, \$0.001**

(Title of Class of Securities)  
**795427202**

(CUSIP Number)  
**October 20, 2007**

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 ( *Act* ) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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Item 1.

Item 2.

Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

Item 4. Ownership

Item 5. Ownership of Five Percent or Less of a Class

Item 6. Ownership of More than Five Percent on Behalf of Another Person

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person

Item 8. Identification and Classification of Members of the Group

Item 9. Notice of Dissolution of Group

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Signature

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- 1** Names of Reporting Persons.  
I.R.S. Identification Nos. of above persons (entities only).

**Inverness Medical Innovations, Inc.**

Check the Appropriate Box if a Member of a Group (See Instructions)

- 2** (a)  o  
(b)  p

**3** SEC Use Only

**4** Citizenship or Place of Organization

**Delaware**

**5** Sole Voting Power

Number of **2,499,999**

Shares Beneficially **6** Shared Voting Power  
Owned by **0**

Each Reporting **7** Sole Dispositive Power  
Person **2,499,999**

With **8** Shared Dispositive Power  
**0**

**9** Aggregate Amount Beneficially Owned by Each Reporting Person

**2,499,999**

Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

**10**

o

Percent of Class Represented by Amount in Row (9)

**11**

**6.1%**

Type of Reporting Person (See Instructions)

**12**

**CO**

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**Item 1.**

(a) **Name of Issuer:** StatSure Diagnostic Systems, Inc. (the *Issuer* ).

(b) **Address of the Issuer's Principal Executive Offices:** 1881 Worcester Road, #200, Framingham, MA 01701.

**Item 2.**

(a) **Name of Person Filing:** Inverness Medical Innovations, Inc.

(b) **Address of Principal Business Office:** 51 Sawyer Road, Suite 200, Waltham, MA 02453.

(c) **Citizenship:** Delaware

(d) **Title and Class of Securities:** Common stock, \$0.001 ( *Common Stock* )

(e) **CUSIP Number:** 795427202

**Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:**

Not applicable

**Item 4. Ownership**

In the aggregate, as of October 20, 2007, the Reporting Person beneficially owns 2,499,999 shares of Common Stock of the Issuer, representing approximately 6.1% of the class. The beneficial ownership of the Reporting Person includes:

(i) 1,428,571 shares of the issued and outstanding Common Stock; and

(ii) a warrant to acquire 1,071,428 shares of Common Stock.

The Reporting Person has (or will have) the sole power to vote and dispose of all such beneficially owned shares.

**Item 5. Ownership of Five Percent or Less of a Class**

Not applicable

**Item 6. Ownership of More than Five Percent on Behalf of Another Person**

Not applicable

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person**

Not applicable

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**Item 8. Identification and Classification of Members of the Group**

Not applicable

**Item 9. Notice of Dissolution of Group**

Not applicable

**Item 10. Certification**

By signing below I hereby certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose.

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*Signature*

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DATE: December 21, 2007

INVERNESS MEDICAL  
INNOVATIONS, INC.

By: /s/ Jay McNamara

Jay McNamara  
Senior Counsel Corporate & Finance