

CHEMBIO DIAGNOSTICS, INC.  
 Form 3/A  
 April 18, 2007

**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

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â CRESTVIEW CAPITAL MASTER LLC		(Month/Day/Year) 03/28/2007	CHEMBIO DIAGNOSTICS, INC. [CEMI]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	
95 REVERE DRIVE, Â SUITE A			(Check all applicable)	
(Street)			<input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <input type="checkbox"/> Other (give title below)    (specify below)	
NORTHBROOK, Â IL Â 60062			5. If Amendment, Date Original Filed(Month/Day/Year) 04/09/2007	
(City)	(State)	(Zip)	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	1,328,393	D <sup>(1)</sup>	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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**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 (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title		

				Amount or Number of Shares		or Indirect (I) (Instr. 5)	
Series B 9% Convertible Preferred Stock ("Series B Stock")	01/28/2005 <sup>(2)</sup>	Â <sup>(4)</sup>	Common Stock	6,747,766 \$ 0		D <sup>(1)</sup>	Â
Series C 7% Convertible Preferred Stock ("Series C Stock")	09/29/2006 <sup>(2)</sup>	Â <sup>(4)</sup>	Common Stock	2,500,000 \$ 0		D <sup>(1)</sup>	Â
Common Stock Purchase Warrants ("Series B Warrants")	01/28/2005 <sup>(2)</sup>	02/28/2010 <sup>(3)</sup>	Common Stock	6,229,507 \$ 0.61		D <sup>(1)</sup>	Â
Common Stock Purchase Warrants ("Series C Warrants")	09/29/2006 <sup>(2)</sup>	09/29/2011	Common Stock	625,000 \$ 1		D <sup>(1)</sup>	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
CRESTVIEW CAPITAL MASTER LLC 95 REVERE DRIVE SUITE A NORTHBROOK, IL 60062	Â	Â X	Â	Â

## Signatures

Crestview Capital Master, LLC By: Crestview Capital Partners, LLC, its sole Manager By: /s/  
Daniel I. Warsh

04/18/2007

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

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

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) These securities are owned directly by Crestview Capital Master, LLC. Crestview Capital Partners, LLC is the sole manager of Crestview Capital Master, LLC, and as such has the power to direct the vote and to direct the disposition of investments owned by Crestview Capital Master, LLC, and thus may be an indirect beneficial owner of the reported securities.

(2) The terms of the Series B and Series C Stock and Series B and Series C Warrants contain restrictions that prevent them from being converted or exercised, respectively, if the number of shares of Common Stock to be issued pursuant to such conversion or exercise would cause Crestview Capital Master, LLC together with its affiliates to own in excess of 4.99% (with respect to the Series B and Series C Stock and the Series B and Series C Warrants) or, if the foregoing restriction is waived, with respect to the Series C Stock or Series C Warrants, 9.99% of the issued and outstanding Common Stock immediately after giving effect to such conversion or exercise.

(3) The Series B Warrants expire within five (5) years of their issuance. Because the Series B Warrants were acquired in two tranches, the first on January 28, 2005, and the second on March 28, 2006, the expiration dates for the tranches differ. The first tranche, consisting of Series B Warrants to purchase 4,672,130 shares of Common Stock, has an expiration date of January 28, 2005. The second tranche, consisting of Series B Warrants to purchase 1,557,377 shares of Common Stock, has an expiration date of March 28, 2011.

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(4) The Series B and Series C Stock do not expire.

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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