

TERADYNE, INC  
Form 8-K  
April 22, 2010

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

**FORM 8-K**

**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of the**  
**Securities Exchange Act of 1934**

**Date of report (Date of earliest event reported): April 21, 2010**

**TERADYNE, INC.**

**(Exact Name of Registrant as Specified in Charter)**

**Massachusetts**  
**(State or Other Jurisdiction**  
  
**of Incorporation)**

**001-06462**  
**(Commission File Number)**

**04-2272148**  
**(IRS Employer**  
  
**Identification No.)**

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**600 Riverpark Drive, North Reading, MA**  
(Address of Principal Executive Offices)

**01864**  
(Zip Code)

**Registrant's telephone number, including area code: (978) 370-2700**

**(Former Name or Former Address, if Changed Since Last Report)**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- .. Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- .. Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- .. Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- .. Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

**Item 2.02 Results of Operations and Financial Condition.**

On April 21, 2010, Teradyne, Inc. ( Teradyne ) issued a press release regarding its financial results for the first quarter ended April 4, 2010. Teradyne s press release is furnished as Exhibit 99.1 to this Current Report on Form 8-K.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

<b>Exhibit</b>	<b>Description</b>
99.1	Press Release dated April 21, 2010.

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

TERADYNE, INC.

Dated: April 22, 2010

By: /s/ GREGORY R. BEECHER

Name: **Gregory R. Beecher**

Title: **V.P., Chief Financial Officer and Treasurer**

**Exhibit Index**

<b>Exhibit No.</b>	<b>Description</b>
99.1	Press Release dated April 21, 2010.