

NANOMETRICS INC  
Form 425  
June 13, 2006

**Filed by Nanometrics Incorporated**

**Pursuant to Rule 425 under the Securities Act of 1933**

**and deemed filed pursuant to Rule 14a-12**

**under the Securities Exchange Act of 1934**

**Commission File No. 000-13470**

**Subject Company: Nanometrics Incorporated**

















































