

As filed with the Securities and Exchange Commission on September 4, 1998

Registration No. 33-58884

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Form S-3
Post-Effective Amendment No. 3
To
Registration Statement
Under
The Securities Act of 1933

Thermo Fibertek Inc.
(Exact name of registrant as specified in charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

52-1762325
(IRS Employer
Identification Number)

245 Winter Street
Waltham, Massachusetts 02454
(781) 622-1000
(Address, including zip code, and telephone number, including area code,
of registrant's principal executive offices)

Sandra L. Lambert, Secretary
Thermo Fibertek Inc.
c/o Thermo Electron Corporation
81 Wyman Street
P.O. Box 9046
Waltham, Massachusetts 02454-9046
(781) 622-1000
(Name, address, including zip code, and telephone number,
including area code, of agent for service)

Copies to:
Seth H. Hoogasian, Esq.
General Counsel
Thermo Fibertek Inc.
c/o Thermo Electron Corporation
81 Wyman Street
P.O. Box 9046
Waltham, Massachusetts 02454-9046
(781) 622-1000

Approximate date of commencement of proposed sale to public: As soon as practicable after the Registration Statement has become effective.

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box. [X]

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act of 1933, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. []

If this form is a post-effective amendment filed pursuant to Rule 462(c)

under the Securities Act of 1933, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. []

This post-effective amendment removes from registration any of the securities which remained unsold as of the date of the filing of this post-effective amendment. The registration is hereby terminated.

SIGNATURES

Pursuant to the requirements of the Securities Act, the Registrant has duly caused this Post-Effective Amendment No. 3 to Registration Statement on Form S-3 to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Waltham, Massachusetts, on this 4th day of September, 1998.

THERMO FIBERTEK INC.

By: /s/ William A. Rainville
William A. Rainville
President and Chief Executive
Officer

Signature - -----	Title -----	Date ----
/s/ William A. Rainville* ----- William A. Rainville	Chief Executive Officer, President and Director (Principal Executive Officer)	September 4, 1998
/s/ John N. Hatsopoulos* ----- John N. Hatsopoulos	Chief Financial Officer and Director (Principal Financial Officer)	September 4, 1998
/s/ Paul F. Kelleher* ----- Paul F. Kelleher	Chief Accounting Officer (Principal Accounting Officer)	September 4, 1998
/s/ Walter J. Bornhorst* ----- Walter J. Bornhorst	Director	September 4, 1998
/s/ George N. Hatsopoulos* ----- George N. Hatsopoulos	Director	September 4, 1998
----- Francis L. McKone	Director	September 4, 1998
/s/ Donald E. Noble* ----- Donald E. Noble	Director	September 4, 1998

*By: /s/ Seth H. Hoogasian
Seth H. Hoogasian
Attorney-in-Fact

