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

FORM 6-K

**Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16
under the Securities Exchange Act of 1934**

For the month of May 2018

Commission File Number 000-12790

ORBOTECH LTD.

(Translation of Registrant's name into English)

7 SANHEDRIN BOULEVARD, NORTH INDUSTRIAL ZONE, YAVNE 8110101, ISRAEL

(Address of principal executive offices)

Indicate by check mark whether the Registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Attached hereto as an Exhibit and incorporated by reference herein is the following document of the Registrant:

- Registrant's Condensed Consolidated Statements of Operations for the six months ended June 30, 2017 and 2016

This information has been provided to facilitate the preparation of certain unaudited pro forma financial information in connection with the previously announced transaction with KLA-Tencor Corporation. The information on this Form 6-K, including the exhibit attached hereto, shall not be deemed 'filed' for purposes of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Securities Exchange Act of 1934.

EXHIBITS

<u>Exhibit #</u>	<u>Description</u>
99.1	Registrant's Condensed Consolidated Statements of Operations for the six months ended June 30, 2017 and 2016.

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.

ORBOTECH LTD.
(Registrant)

By: /s/ Alon Rozner
Alon Rozner
Corporate Vice President and
Chief Financial Officer

Date: May 16, 2018

CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS

U.S. dollars in thousands (except per share data)

(Unaudited)

	Six months ended	
	June 30,	
	2017	2016
Revenues	\$398,312	\$386,407
Cost of revenues	212,572	210,895
Gross profit	185,740	175,512
Operating expenses:		
Research and development, net	58,741	52,704
Selling, general and administrative	66,456	61,289
Equity in earnings of Frontline	(2,355)	(1,677)
Amortization of intangible assets	12,264	13,135
Total operating expenses	135,106	125,451
Operating income	50,634	50,061
Financial expenses—net	3,573	14,147
Income before taxes on income	47,061	35,914
Taxes on income	7,687	6,714
Share in losses of equity method investee		300
Net income	39,374	28,900
Net loss attributable to non-controlling interests	(576)	(194)
Net income attributable to Orbotech Ltd.	<u>\$ 39,950</u>	<u>\$ 29,094</u>
Basic earnings per share	<u>\$ 0.83</u>	<u>\$ 0.67</u>
Diluted earnings per share	<u>\$ 0.82</u>	<u>\$ 0.65</u>
Weighted average number (in thousands) of shares used in computation of:		
Basic earnings per share	47,909	43,603
Diluted earnings per share	48,806	44,527