

Global Markets and Technologies for Optical Coherence Tomography (OCT)

<https://marketpublishers.com/r/G0248340B36EN.html>

Date: April 2019

Pages: 121

Price: US\$ 2,750.00 (Single User License)

ID: G0248340B36EN

Abstracts

REPORT SCOPE:

The current report offers a detailed analysis of the optical coherence tomography market. The study includes a discussion of OCT products used for medical and non-medical applications.

The report highlights the current market and future market potential of optical coherence tomography, and provides a detailed analysis of the competitive environment, regulatory scenario, patent analysis, drivers and restraints in the market. The report also covers market projections through 2023, as well as key players in the global OCT market.

The report details market shares of optical coherence tomography based on product, application and geography. Based on product, the market is segmented into traditional OCT/time domain (TD-OCT), frequency domain OCT (FD-OCT) and other OCT products. The frequency domain OCT (FD-OCT) is sub-segmented into Fourier domain or spectral domain (SD-OCT) and time-encoded frequency domain or Swept-Source (TEFD-OCT/SS-OCT). The other OCT product segment includes polarization sensitive OCT (PS-OCT), full-field optical coherence tomography (FF-OCT) and optical delay line.

Based on application, the market is segmented into ophthalmology, cardiology, oncology and other applications. The other applications segment includes other medical and non-medical application areas of OCT technology.

The market is segmented by geography into the following regions: North America, Europe and the Rest of the World. For market estimates, data is provided for 2017 as

the base year, with forecasts for 2018 through 2023. Estimated values are based on manufacturers' total revenues. Projected and forecasted revenue values are in constant U.S. dollars, unadjusted for inflation.

REPORT INCLUDES:

15 data tables and 34 additional tables

An overview of the global market for optical coherence tomography (OCT)

Analyses of global market trends, with data from 2017 to 2018, and projections of CAGRs through 2023

Comparative study of traditional/time domain (TD-OCT), frequency domain (FD-OCT), and polarization sensitive (PD-OCT) OCT and discussion of their characteristics

Insights into significant funding initiatives from government agencies and regulatory framework

Discussion of technological advancement and growing adoption rate of OCT

Comprehensive company profiles of major players, including Abbott Laboratories, Canon, Heidelberg Engineering, Nikon Corp., Phoenix Research Labs, Thorlabs Inc. and Topcon

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AGILTRON INC.
BAYSPEC INC.
BAUSCH AND LOMB (VALEANT PHARMACEUTICALS INTERNATIONAL INC.)
CANON INC.
CARL ZEISS MEDITEC AG
GOOCH & HOUSEGO PLC
HEIDELBERG ENGINEERING GMBH
LLTECH INC.
LEICA MICROSYSTEMS (DANAHER CORP.)
MICHELSON DIAGNOSTICS
NIDEK CO. LTD.
NIKON CORP.
NINEPOINT MEDICAL
OPTOPOL TECHNOLOGY
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PHOENIX RESEARCH LABS
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