

MIRA INFORM REPORT

Report No. :	529566
Report Date :	17.09.2018

IDENTIFICATION DETAILS

Name :	QUANTACHROME CORPORATION
Registered Office :	1900 Corporate Drive Boynton Beach, FL 33426, USA
Country :	United States
Financials (as on) :	2017 (Summarized)
Year of Establishment :	1968
Legal Form :	Corporation
Line of Business :	Subject is engages in the design, manufacture, sale, and service support of analytical instrumentation for characterizing properties of porous materials and powders.
No. of Employees :	130

RATING & COMMENTS

(Mira Inform has adopted New Rating mechanism w.e.f. 23rd January 2017)

MIRA's Rating :	B
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Credit Rating	Explanation	Rating Comments
B	Medium Risk	Business dealings permissible on a regular monitoring basis

Status :	Moderate
Payment Behaviour :	Slow
Litigation :	Clear

NOTES :

Any query related to this report can be made on e-mail : infodept@mirainform.com while quoting report number, name and date.

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ECGC Country Risk Classification List

Country Name	Previous Rating (31.12.2017)	Current Rating (01.04.2018)
United States	A1	A1

Risk Category	ECGC Classification
Insignificant	A1
Low Risk	A2
Moderately Low Risk	B1
Moderate Risk	B2
Moderately High Risk	C1
High Risk	C2
Very High Risk	D

UNITED STATES - ECONOMIC OVERVIEW

The US has the most technologically powerful economy in the world, with a per capita GDP of \$59,500. US firms are at or near the forefront in technological advances, especially in computers, pharmaceuticals, and medical, aerospace, and military equipment; however, their advantage has narrowed since the end of World War II. Based on a comparison of GDP measured at purchasing power parity conversion rates, the US economy in 2014, having stood as the largest in the world for more than a century, slipped into second place behind China, which has more than tripled the US growth rate for each year of the past four decades.

In the US, private individuals and business firms make most of the decisions, and the federal and state governments buy needed goods and services predominantly in the private marketplace. US business firms enjoy greater flexibility than their counterparts in Western Europe and Japan in decisions to expand capital plant, to lay off surplus workers, and to develop new products. At the same time, businesses face higher barriers to enter their rivals' home markets than foreign firms face entering US markets.

Long-term problems for the US include stagnation of wages for lower-income families, inadequate investment in deteriorating infrastructure, rapidly rising medical and pension costs of an aging population, energy shortages, and sizable current account and budget deficits.

The onrush of technology has been a driving factor in the gradual development of a "two-tier" labor market in which those at the bottom lack the education and the professional/technical skills of those at the top and, more and more, fail to get comparable pay raises, health insurance coverage, and other benefits. But the globalization of trade, and especially the rise of low-wage producers such as China, has put additional downward pressure on wages and upward pressure on the return to capital. Since 1975, practically all the gains in household income have gone to the top 20% of households. Since 1996, dividends and capital gains have grown faster than wages or any other category of after-tax income.

Imported oil accounts for more than 50% of US consumption and oil has a major impact on the overall health of the economy. Crude oil prices doubled between 2001 and 2006, the year home prices peaked; higher gasoline prices ate into consumers' budgets and many individuals fell behind in their mortgage payments. Oil prices climbed another 50% between 2006 and 2008, and bank foreclosures more than doubled in the same period. Besides dampening the housing market, soaring oil prices caused a drop in the value of the dollar and a deterioration in the US merchandise trade deficit, which peaked at \$840 billion in 2008. Because the US economy is energy-intensive, falling oil prices since 2013 have alleviated many of the problems the earlier increases had created.

The sub-prime mortgage crisis, falling home prices, investment bank failures, tight credit, and the global economic downturn pushed the US into a recession by mid-2008. GDP contracted until the third quarter of 2009, the deepest and longest downturn since the Great Depression. To help stabilize financial markets, the US Congress established a \$700 billion Troubled Asset Relief Program in October 2008. The government used some of these funds to purchase equity in US banks and industrial corporations, much of which had been returned to the government by early 2011. In January 2009, Congress passed and former President Barack OBAMA signed a bill providing an additional \$787 billion fiscal stimulus to be used over 10 years - two-thirds on additional spending and one-third on tax cuts - to create jobs and to help the economy recover. In 2010 and 2011, the federal budget deficit reached nearly 9% of GDP. In 2012, the Federal Government reduced the growth of spending and the deficit shrank to 7.6% of GDP. US revenues from taxes and other sources are lower, as a percentage of GDP, than those of most other countries.

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Wars in Iraq and Afghanistan required major shifts in national resources from civilian to military purposes and contributed to the growth of the budget deficit and public debt. Through FY 2018, the direct costs of the wars will have totaled more than \$1.9 trillion, according to US Government figures.

In March 2010, former President OBAMA signed into law the Patient Protection and Affordable Care Act (ACA), a health insurance reform that was designed to extend coverage to an additional 32 million Americans by 2016, through private health insurance for the general population and Medicaid for the impoverished. Total spending on healthcare - public plus private - rose from 9.0% of GDP in 1980 to 17.9% in 2010.

In July 2010, the former president signed the DODD-FRANK Wall Street Reform and Consumer Protection Act, a law designed to promote financial stability by protecting consumers from financial abuses, ending taxpayer bailouts of financial firms, dealing with troubled banks that are "too big to fail," and improving accountability and transparency in the financial system - in particular, by requiring certain financial derivatives to be traded in markets that are subject to government regulation and oversight.

The Federal Reserve Board (Fed) announced plans in December 2012 to purchase \$85 billion per month of mortgage-backed and Treasury securities in an effort to hold down long-term interest rates, and to keep short-term rates near zero until unemployment dropped below 6.5% or inflation rose above 2.5%. The Fed ended its purchases during the summer of 2014, after the unemployment rate dropped to 6.2%, inflation stood at 1.7%, and public debt fell below 74% of GDP. In December 2015, the Fed raised its target for the benchmark federal funds rate by 0.25%, the first increase since the recession began. With continued low growth, the Fed opted to raise rates several times since then, and in December 2017, the target rate stood at 1.5%.

In December 2017, Congress passed and President Donald TRUMP signed the Tax Cuts and Jobs Act, which, among its various provisions, reduces the corporate tax rate from 35% to 21%; lowers the individual tax rate for those with the highest incomes from 39.6% to 37%, and by lesser percentages for those at lower income levels; changes many deductions and credits used to calculate taxable income; and eliminates in 2019 the penalty imposed on taxpayers who do not obtain the minimum amount of health insurance required under the ACA. The new taxes took effect on 1 January 2018; the tax cut for corporations are permanent, but those for individuals are scheduled to expire after 2025. The Joint Committee on Taxation (JCT) under the Congressional Budget Office estimates that the new law will reduce tax revenues and increase the federal deficit by about \$1.45 trillion over the 2018-2027 period. This amount would decline if economic growth were to exceed the JCT's estimate.

Source : CIA

STATUTORY INFORMATION

Legal Name	QUANTACHROME CORPORATION
Trade Name	QUANTACHROME INSTRUMENTS
ID	ID
ID Details	Document Number: P95000010165 FEI/EIN Number: 11-2161663
Creation Date	1968
Incorporation Date	02/07/1995
Legal Address	1900 CORPORATE DRIVE BOYNTON BEACH, FL 33426, USA
Operative Address	1900 CORPORATE DR. BOYNTON BEACH, FL 33426, USA
Telephone	561-731-4999
Fax	561-732-9888
Legal Form	CORPORATION
E-Mail	NA
Registered In	FLORIDA
Website	www.quantachrome.com
Contact	Georg Cortolezis-Supp - President
Staff	130
Activity	SIC Code: 3826, Laboratory Analytical Instruments NAICS Code: 334516, Analytical Laboratory Instrument Manufacturing

BANKS

Name of Bank	Reported Amount
Bank of America	
MITEL LEASING, INC.	
EVERBANK COMMERCIAL FINANCE, INC.	

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Description

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HISTORY

History

Quantachrome Corporation was founded in 1968.
In 2018 Anton Paar acquired the company.

Key Developments

NA

Parent Company

Quantachrome Corporation operates as a subsidiary of:
Anton Paar GmbH
Anton Paar Strasse 20
Graz, 8054
Austria

PRINCIPAL ACTIVITY

General Description

Quantachrome Corporation engages in the design, manufacture, sale, and service support of analytical instrumentation for characterizing properties of porous materials and powders.

Service/Product Description

Quantachrome Corporation engages in the design, manufacture, sale, and service support of analytical instrumentation for characterizing properties of porous materials and powders. It offers a range of fully automated gas, vapor, and water sorption analyzers; and gas displacement pycnometers, flow chemisorption analyzers, intrusion porosimeters, and expulsion porometers for research and development, and industrial quality control. The company also provides fine particle characterization laboratory services. Its instruments enable the accurate, precise, and reliable characterization of powdered and porous materials, including gas sorption isotherms, surface area measurement, pore size distribution, chemisorption studies, water sorption, mercury porosimetry, true solid density, and tapped density. The company offers analyzers for surface area, pore size, pore volume, density, water sorption, and catalyst characterization.
Wholesale

Sales

Operations Area

National and International

Export To

Mexico, Colombia

QUANTACHROME CORPORATION - 529566

PAGE NO. : 7

Employees 130 employees

Payments With Suppliers Slow

Brands
Brand Comments

Quantachrome -

Poremaster -

Autosorb -

Clients
Name of Client Country Comments

Tereftalatos Mexicanos SA Mexico -

Universidad De Los Andes Colombia -

METALES Y OXIDOS SA Colombia -

Comments -

Suppliers
Supplier Name Country Comments

There are not informed suppliers

Comments -

LOCATION

Headquarters 1900 CORPORATE DR. BOYNTON BEACH, FL
33426, USA

Branches No branches were found.

GROUP STRUCTURE AND SUBDIARY COMPANIES

Listed at the stock exchange No

Capital NA

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Shareholders (%)	Quantachrome Corporation operates as a subsidiary of: Anton Paar GmbH Anton Paar Strasse 20 Graz, 8054 Austria
Management	Ultimate Parent: Santner Privatstiftung Georg Cortolezis-Supp - President Jakob Santner - Chairman Reinhard Eberl - Vice President Julia Cortolezis-Supp - Director Vinzenz Ferk - Treasurer
Subsidiary Companies	No subsidiary companies were found.
Related Companies	Anton Paar USA Inc 10215 Timber Ridge Drive Ashland, VA 23005-8141 United States Petrotest GmbH Ludwig-Erhard-Ring 13 Dahlewitz Blankenfelde-Mahlow, 15827 Germany

FINANCIAL INFORMATION

General Description	The company does not make its financial statements public. The following information has been provided by private sources:
Year/Currency	2017 USD
Sales	24.000.000
Money Flow	Normal

LEGAL FILINGS

Government Contracts Won	Government Contractor Name & Address QUANTACHROME CORPORATION 1900 CORPORATE DR BOYNTON BEACH, FL 33426-6650
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Lawsuits

Number of Defense Contracts Awarded: 35
Dollar Amount of Defense Contracts Awarded:
\$696,513
QUANTACHROME CORP V MICROMERITICS
Defendant-Appellee: MICROMERITICS INSTRUMENT
CORPORATION
Plaintiff-Appellant: QUANTACHROME
CORPORATION

Case Number: 00-1416
Filed: June 5, 2000
Court: U.S. Court of Appeals, Federal Circuit
Nature of Suit: Other

Trademarks

QUANTACHROME
VOLUMETRIC GAS SORPTION ANALYZERS,
DYNAMIC FLOW GAS SORPTION ANALYZERS,
DYNAMIC FLOW SINGLE-POINT ANALYZERS,
SURFACE AREA...
Owned by: QUANTACHROME CORPORATION
Serial Number: 73831719

DOSEWIZARD
computer software for use in surface area analysis and
data acquisition
Owned by: QUANTACHROME CORPORATION
Serial Number: 75376125

QUANTASORB
SURFACE AREA ANALYZER FOR THE
MEASUREMENT OF THE SURFACE AREA OF
GRANULAR AND POWDERED MATERIALS
Owned by: QUANTACHROME CORPORATION
Serial Number: 73007223

Patents Registered

NULL-PYCNOMETER
INSTRUMENT FOR MEASURING DENSITY OF
POWDERED MATERIALS BY A GAS
DISPLACEMENT METHOD
Owned by: QUANTACHROME CORPORATION
Serial Number: 73083160
Method for determining pore size and pore size
distribution of porous material using phase of electro-
acoustic signal
Patent number: 9476759
Abstract: A method of determining pore size of a
porous material. The method includes saturating the
porous material with a conducting liquid. Measuring,
with an electro-acoustic device, a phase of the seismo-
electric or electro-seismic signal at a single frequency
or multiple frequencies. Calculating an average pore

size from the measured phase of the seismo-electric or electro-seismic signal at single frequency using a theory that takes into account the hydrodynamic relaxation of the conducting liquid inside of the pores of the porous material. Calculating pore size distribution from the similar measurement conducted at multiple frequencies using the same theory.

Type: Grant

Filed: April 17, 2013

Date of Patent: October 25, 2016

Assignee: Quantachrome Corporation

Inventors: Andrei S. Dukhin, Matthias Thommes

Apparatus for determining pore volume distribution of multiple samples by intrusion of a non-wetting liquid
Patent number: 6021661

Abstract: A high pressure mercury porosimeter for continuous pore volume distribution measurements that simultaneously receives two or more test sample penetrometers, each containing a powder or porous solid sample to be tested. Two or more individual tests can be simultaneously performed per high pressure cycle in a single porosimeter. Only one access port is required to access 2 or more penetrometers greatly increasing sampling throughput, reducing multiple test time requirements without significant equipment cost increase.

Type: Grant

Filed: May 18, 1998

Date of Patent: February 8, 2000

Assignee: Quantachrome Corporation

Inventors: Seymour Lowell, Stuart S. Warszycki, David W. Sumell

Automatic volumetric sorption analyzer

Patent number: 4566326

Abstract: An automatic adsorption and desorption analyzer for independently performing analyses on a plurality of powder samples includes a manifold connected through a plurality of independently operated valves to a corresponding plurality of sample cells. A pressure transducer measures the manifold pressure and a plurality of pressure transducers are respectively coupled to the sample cells to independently measure the pressure at each of the sample cells. The system measures the volume of gas adsorbed (desorbed) by each of the samples that is required to establish specified equilibrium pressures at the sample cells, thereby to provide pressure-volume

points which can be used to prepare adsorption (or desorption) isotherms, BET curves, and other information concerning the properties of the samples.

Type: Grant

Filed: July 9, 1984

Date of Patent: January 28, 1986

Assignee: Quantachrome Corporation

Inventor: Seymour Lowell

Dry vacuum pump system for gas sorption analyzer
Patent number: 6257835

Abstract: A vacuum pump system for creating a high vacuum (below 10⁻⁷ TORR) especially useful for vacuum volumetric measurements such as are performed using a gas sorption analyzer on a particulate sample to determine particulate surface area and porosity using a dry, non-lubricant oil-free vacuum pumping system that includes a turbomolecular drag pump having its high vacuum side connected to a vessel that contains the particulate sample to be analyzed, and in series with a dry, oil-free diaphragm pump whose inlet or vacuum side is connected to the high pressure exhaust side of the turbomolecular drag pump thereby eliminating any possibility of oil vapor contamination of the sample since the turbomolecular drag pump and the diaphragm pump use essentially no oil as lubricants.

Type: Grant

Filed: March 22, 1999

Date of Patent: July 10, 2001

Assignee: Quantachrome Corporation

Inventor: John W. Kaehler

Method for compensating for the time-dependent change in coolant level during gas sorption analysis
Patent number: 6387704

Abstract: For use in a sorption analysis system, a method compensating for measuring error due to the time-dependent evaporation of liquid coolant and the resulting change in the level of the coolant and temperature increase around the stem of the sample cell, during a gas sorption analysis of a sample in the sample cell. This error compensation does not inhibit coolant evaporation and is without recourse to mechanical means or other physical contrivances for causing the system to act as if the coolant were not evaporating. This method employs fixed and time-dependent data, including: changing coolant level and sample cell stem temperature changes, both of which

can be obtained off-line, cold zone volume changes, and volumes of adsorptive gas transferred into the sample cell, to generate progressive error correction; whereby, system output is being corrected throughout the duration of the sorption analysis.

Type: Grant

Filed: April 17, 2000

Date of Patent: May 14, 2002

Assignee: Quantachrome Corporation

Inventors: Martin A. Thomas, Nicholas N Novella, Seymour Lowell

Renewals

Date -- File
02/16/2018 -- AMENDED ANNUAL REPORT
01/06/2018 -- ANNUAL REPORT
01/30/2017 -- ANNUAL REPORT
01/25/2016 -- ANNUAL REPORT
01/13/2015 -- ANNUAL REPORT
01/17/2014 -- ANNUAL REPORT
01/28/2013 -- ANNUAL REPORT
02/20/2012 -- ANNUAL REPORT

UCC (Uniform Commercial Code)

Status: FILED
Date Filed: 03/22/2012 Expires: 03/22/2022 Filings Completed Thru: 09/06/2018
Summary For Filing: 201206404114

Secured Parties

Name & Address

BANK OF AMERICA, N.A.
1075 MAIN STREET WALTHAM MA 02451

Debtor Parties

Name & Address

QUANTACHROME CORPORATION
1900 CORPORATE DRIVE BOYNTON BEACH FL
33426-6650

Status: FILED

Date Filed: 08/19/2016

Expires: 08/19/2021

Filings Completed Thru: 09/06/2018

Summary For Filing: 201608521433

Secured Parties

Name & Address

MITEL LEASING, INC.
10603 W SAM HOUSTON PKWY N, #400 HOUSTON
TX 77064

Debtor Parties

Name & Address

QUANTACHROME CORPORATION
1900 CORPORATE DRIVE BOYNTON BEACH FL

33426

Status: FILED
Date Filed: 01/30/2017
Expires: 01/30/2022
Filings Completed Thru: 09/06/2018
Summary For Filing: 201700139795
Secured Parties
Name & Address
EVERBANK COMMERCIAL FINANCE, INC.
10 WATERVIEW BLVD., 2ND FLOOR PARSIPPANY
NJ 07054
Debtor Parties
Name & Address
QUANTACHROME CORPORATION
1900 CORPORATR DRIVE BOYNTON BEACH FL
33426

OFAC Sanctions List Search

The company is not listed in the OFAC list.

SUMMARY

Summary

Founded in 1968, Quantachrome Corporation is an organization in the Laboratory Instruments Industry headquartered in Boynton Beach, FL. The company has 130 regular employees and generates an estimated \$24 million USD in annual revenue. It operates nationally and internationally, mainly exporting to Mexico and Colombia. It is ACTIVE in business with high credit risk.

RISK INFORMATION

Debts	Medium
Payments	Slow
Cash Flow	Medium
State	Active



MIRA INFORM PRIVATE LIMITED
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Malad (West), Mumbai - 400 064. INDIA
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Fax : 91-22-40448045 / 40448046
E-mail : mira@mirainform.com
info@mirainform.com
Website : <http://www.mirainform.com>
<http://www.miraglobalcheck.com>
<http://www.miraglobalcollections.com>

INTERVIEW

First Name	NA
Position	NA
Comments	She confirmed the name of the company, the address of the headquarters and the name of the President. However, she was reluctant to provide any further information.

FOREIGN EXCHANGE RATES

Currency	Unit	Indian Rupees
US Dollar	1	INR 71.81
UK Pound	1	INR 94.15
Euro	1	INR 83.97
US Dollar	1	INR 72.51

Note : Above are approximate rates obtained from sources believed to be correct

INFORMATION DETAILS

Analysis Done by :	NIS
Report Prepared by :	DNS

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RATING EXPLANATIONS

Credit Rating	Explanation	Rating Comments
A++	Minimum Risk	Business dealings permissible with minimum risk of default
A+	Low Risk	Business dealings permissible with low risk of default
A	Acceptable Risk	Business dealings permissible with moderate risk of default
B	Medium Risk	Business dealings permissible on a regular monitoring basis
C	Medium High Risk	Business dealings permissible preferably on secured basis
D	High Risk	Business dealing not recommended or on secured terms only
NB	New Business	No recommendation can be done due to business in infancy stage
NT	No Trace	No recommendation can be done as the business is not traceable

NB is stated where there is insufficient information to facilitate rating. However, it is not to be considered as unfavourable.

This score serves as a reference to assess SC's credit risk and to set the amount of credit to be extended. It is calculated from a composite of weighted scores obtained from each of the major sections of this report. The assessed factors are as follows:

- Financial condition covering various ratios
- Company background and operations size
- Promoters / Management background
- Payment record
- Litigation against the subject
- Industry scenario / competitor analysis
- Supplier / Customer / Banker review (wherever available)