

MIRA INFORM REPORT

Report No. :	533784
Report Date :	10.10.2018

IDENTIFICATION DETAILS

Name :	LABSPHERE, INC.
Registered Office :	231 Shaker Street, North Sutton, NH, 03260
Country :	United States
Financials (as on) :	2017 (Summarized)
Date of Incorporation :	1979
Legal Form :	Corporation
Line of Business :	Subject designs, manufactures, and sells precision standard and custom radiometric and photometric products to aerospace, automotive, electronics and medical imaging, laser diode, LED, lighting, and optics industries.
No. of Employees :	105

RATING & COMMENTS

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

MIRA's Rating :	A
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Credit Rating	Explanation	Rating Comments
A	Acceptable Risk	Business dealings permissible with moderate risk of default

Status :	Good
Payment Behaviour :	Regular
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.

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	LABSPHERE, INC.
Trade Name	LABSPHERE, INC.
ID	ID
ID Details	35663
Creation Date	1979
Incorporation Date	07/31/1981
Legal Address	231 Shaker Street, North Sutton, NH, 03260, USA
Operative Address	231 Shaker Street POB 70 North Sutton, NH 03260 USA
Telephone	603-927-4266
Fax	603-927-4694
Legal Form	CORPORATION
E-Mail	labsphere@labsphere.com
Registered In	NEW HAMPSHIRE
Website	www.labsphere.com
Contact	Jack Kelly - President
Staff	105
Activity	SIC Code: 5049, Professional Equipment and Supplies

BANKS

Name of Bank	Reported Amount
BANK OF AMERICA	

HISTORY

History	The company was founded in 1979 and is headquartered in North Sutton, New Hampshire.
Key Developments	Santa Barbara Infrared & Labsphere Partner to Provide Unique, Fully-Calibrated / Integrated E-O Test Systems Mar 31 17 Santa Barbara Infrared, Inc. announced it that has partnered with Labsphere, Inc. to provide an unparalleled family of E-O test systems. The COLOSUS systems, which include collimated optics, software, and uniform sources, are complete test

solutions for optical characterization of sensors and cameras, offering both collimated and flood-mode test configurations. The two companies have merged their engineering expertise in hardware and software to offer turnkey, fully-calibrated solutions. Integrating spheres, blackbodies, collimators, target wheels, system peripherals, and traceable calibration data are combined and controlled by the IRWindows4™ automated test software package to provide a single, easy-to-use testing method for each of the new systems in the product series. In addition to the COLUSUS family of standard product configurations, custom test solutions can be designed to achieve specific program requirements.

Parent Company

As of February 7, 2007, Labsphere, Inc. operates as a subsidiary of:
Halma plc.
Misbourne Court
Rectory Way
Amersham, HP7 0DE
United Kingdom

PRINCIPAL ACTIVITY

General Description

Labsphere, Inc. designs, manufactures, and sells precision standard and custom radiometric and photometric products to aerospace, automotive, electronics and medical imaging, laser diode, LED, lighting, and optics industries.

Service/Product Description

It offers portable solutions for spectral flux measurement; light measurement systems for thermal, optical, and electrical characterization of LEDs; and integrating sphere solutions for light-based applications ranging from large area customized sphere-based systems to small hand-held instruments, which include integrating spheres and components, light measurement systems, uniform light source calibration systems, reflectance standards and targets, reflectance materials and coatings, and instruments. The company also provides custom product development services, such as sensor calibration and testing, remote sensing camera calibration, night vision sensor calibration, radiance and solar simulation, lamp testing, LED/SSL measurement, laser power/diode testing, LCD backlight testing, and fiber output testing; and order tracking,

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software and manual request, calibration, technical support, and custom product development services. In addition, it provides OEM products, including customized solutions for applications, such as spectroscopy, diode pumped solid state lasers, clinical diagnostic and analytical instrumentation, and industrial optical metrology. The company offers its products for LED/SSL measurement, sensor calibration and testing, remote sensing camera calibration, lamp testing, laser power/diode testing, reflectance/transmittance, UVA/UVB sunscreen analysis, LCD backlight and fiber output testing, and veiling glare applications. It serves customers online; and through distribution partners in the United States and internationally.

Sales
Operations Area
Imports From
Export To
Employees
Payments with Suppliers
Brands
Brand
LABSPHERE

Wholesale
National and International
INDIA, CHINA
MEXICO, COLOMBIA
105 employees
Regular

Comments

-

Clients	Country	Comments
Name of Client		
ILUMINACION COOPER DE LAS CALIFORNIAS SA DE CV	MEXICO	-
BEL STAR S A	COLOMBIA	-
UNIVERSIDAD DE ANTIOQUIA	COLOMBIA	-
SANDOX CIENTIFICA LTDA	COLOMBIA	-
Comments		-

Suppliers	Country	Comments
Supplier Name		
GE BE PRIVATE LIMITED	INDIA	-
SHANGHAI LABSPHERE OPTICAL EQUIPMENT CO., LTD.	CHINA	-
Comments		-

LOCATION

Headquarters 231 Shaker Street POB 70 North Sutton, NH 03260
USA
Branches No branches found.

GROUP STRUCTURE AND SUBDIARY COMPANIES

Listed at the stock exchange NO
Capital NA
Shareholders (%) The company does not disclose information on
shareholders. The following information has been
provided by private sources:
As of February 7, 2007, Labsphere, Inc. operates as a
subsidiary of:
Halma plc.
Misbourne Court
Rectory Way
Amersham, HP7 0DE
United Kingdom

Management Jack Kelly - President
Jim Longacre - Vice President and CFO
Dr. Peter Weitzman - Senior Vice President
Blaine Flores - Vice President of Operations
Richard Corbyn - Quality Director
Dan Scharpf - VP of Engineering
Paul Osgood - IT Manager
Richard Corbyn - Sales Director

Subsidiary Companies No subsidiary companies were found.
Related Companies LABSPHERE CHINA OFFICE
SHANGHAI LABSPHERE OPTICAL EQUIPMENT CO.,
LTD.
Tel: +86-21-6151-9015
Fax: +86-21-6151-9018
chinasales@labsphere.com
<http://www.labsphere.com.cn>

FINANCIAL INFORMATION

General Description	We attach the parent's last financial statements. The company does not make its financial statements public. The following information has been provided by private sources:
Year/Currency	USD 2017
Sales	27.000.000
Money Flow	Normal
Import Fob Dollar	
Year	Amount
There are not Import Fob Dollar informed	
Export Fob Dollar	
Year	Amount
There are not Export Fob Dollar informed	

LEGAL FILINGS

Lawsuits	No found.
Trademarks	LABSPHERE LABORATORY EQUIPMENT, NAMELY, INTEGRATING SPHERES, INTEGRATING SPHERE PHOTOMETERS AND RADIOMETERS, REFLECTOMETERS AND SPECTROREFLECTOMETERS... Owned by: LABSPHERE INC. Serial Number: 73456497 SPECTRALON POLYMERS IN BLOCK OR COATED FORM FOR USE IN LASERS, REFLECTOMETERS AND OTHER SCIENTIFIC AND OPTICAL INSTRUMENTS AND FOR... Owned by: LABSPHERE INC. Serial Number: 73753152 OPTOBLACK optical black coating for optical component applications ranging from the ultraviolet through the infrared wavelength regions... Owned by: LABSPHERE INC. Serial Number: 75306426 OPTABLACK

optical black coating for optical component applications ranging from the ultraviolet through the infrared wavelength regions...

Owned by: LABSPHERE INC.
Serial Number: 75306427

INFRAGOLD

diffuse, gold metallic reflectance coatings in the nature of electrochemically platable coating liquids for metal substrates...

Owned by: LABSPHERE INC.
Serial Number: 75340156

OMNILED

ELECTRONIC APPARATUS FOR MEASURING AND TESTING THE OPTICAL AND ELECTRICAL CHARACTERISTICS OF LIGHT-EMITTING DIODES (LEDs...

Owned by: LABSPHERE INC.
Serial Number: 76170334

Patents Registered

Integrated sphere for diffusal reflectance and transmittance

Patent number: 5537203

Abstract: A novel light integrating sphere of a preferably appropriately sintered fluorinated aliphatic long chain addition solid polymer block, hollowed to provide an internal integral diffuse reflectance spherical surface.

Type: Grant

Filed: February 16, 1994

Date of Patent: July 16, 1996

Assignee: Labsphere, Inc.

Inventor: Kevin F. Carr

Ultraviolet transmittance analyzing method and instrument

Patent number: 5923039

Abstract: An ultraviolet transmittance analyzer for fabrics, translucent packaging, sunscreen products and the like using an internally pulsed white-light illuminated integrating sphere, exiting sample and reference diffusely reflected beams, and applying them respectively to separate sample and reference spectrographs with light detector arrays.

Type: Grant

Filed: September 16, 1997

Date of Patent: July 13, 1999

Assignee: Labsphere, Inc.

Inventors: Joseph Jablonski, Norman Carlson

Renewals
UCC (Uniform Commercial Code)
OFAC Sanctions List Search

Method of and apparatus for increasing measurement sensitivity of fluorescence and luminescence
Patent number: 5488473

Abstract: A technique and apparatus for increased sensitivity fluorescence and luminescence emission measurements in which the emission volume is enclosed in a closely fitting cavity having highly reflecting diffuse material inner walls, and with a detector viewing as much of the radiant cavity walls as possible.

Type: Grant

Filed: March 1, 1994

Date of Patent: January 30, 1996

Assignee: Labsphere, Inc.

Inventors: Arthur W. Springsteen, Jeffrey L. Taylor

No records found.

No records found.

The company is not listed in the OFAC Sanctions List.

SUMMARY

Summary

Founded in 1979, LABSPHERE, INC. is an organization in the Professional Equipment and Supplies Industry headquartered in North Sutton, NH. The company has 105 regular employees and generates an estimated USD\$27.5 million in annual revenue. It operates nationally and internationally, mainly exporting to Colombia and Mexico. It is ACTIVE in business with no negative records.

RISK INFORMATION

Debts
Payments
Cash Flow
State

Controlled
Regular
Normal
Active

INTERVIEW

First Name

Stephanie

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info@mirainform.com
Website : <http://www.mirainform.com>
<http://www.miraglobalcheck.com>
<http://www.miraglobalcollections.com>

Position
Comments

-

She confirmed the name of the company, the address of the headquarters and location, the date of creation of the company, the company's website and email and the contact name.

FOREIGN EXCHANGE RATES

Currency	Unit	Indian Rupees
US Dollar	1	INR 74.10
UK Pound	1	INR 96.99
Euro	1	INR 85.11
US Dollar	1	INR 74.23

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

INFORMATION DETAILS

Analysis Done by :	NIY
Report Prepared by :	TRU

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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)

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