

Global Capacitance Measurement Probes Market Research Report 2017

https://marketpublishers.com/r/G8ECABEDE4BEN.html

Date: January 2017

Pages: 120

Price: US\$ 2,900.00 (Single User License)

ID: G8ECABEDE4BEN

Abstracts

Notes:

Production, means the output of Capacitance Measurement Probes

Revenue, means the sales value of Capacitance Measurement Probes

This report studies Capacitance Measurement Probes in Global market, especially in North America, Europe, China, Japan, Southeast Asia and India, focuses on top manufacturers in global market, with capacity, production, price, revenue and market share for each manufacturer, covering

ABB

HEXAGON MANUFACTURING INTELLIGENCE

RENISHAW

OMEGA

HBM Test and Measurement

Siemens

Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of Capacitance



Measurement Probes in these regions, from 2011 to 2021 (forecast), like
North America
Europe
China
Japan
Southeast Asia
India
Split by product type, with production, revenue, price, market share and growth rate of each type, can be divided into
Direct Probes
Indirect Probes
Split by application, this report focuses on consumption, market share and growth rate of Capacitance Measurement Probes in each application, can be divided into
Petrochemical Industry
Pharmaceutical Industry
Electronic Industry
Other Industries



Contents

Global Capacitance Measurement Probes Market Research Report 2017

1 CAPACITANCE MEASUREMENT PROBES MARKET OVERVIEW

- 1.1 Product Overview and Scope of Capacitance Measurement Probes
- 1.2 Capacitance Measurement Probes Segment by Type
- 1.2.1 Global Production Market Share of Capacitance Measurement Probes by Type in 2015
 - 1.2.2 Direct Probes
 - 1.2.3 Indirect Probes
- 1.3 Capacitance Measurement Probes Segment by Application
- 1.3.1 Capacitance Measurement Probes Consumption Market Share by Application in 2015
 - 1.3.2 Petrochemical Industry
 - 1.3.3 Pharmaceutical Industry
 - 1.3.4 Electronic Industry
 - 1.3.5 Other Industries
- 1.4 Capacitance Measurement Probes Market by Region
 - 1.4.1 North America Status and Prospect (2012-2022)
 - 1.4.2 Europe Status and Prospect (2012-2022)
 - 1.4.3 China Status and Prospect (2012-2022)
 - 1.4.4 Japan Status and Prospect (2012-2022)
 - 1.4.5 Southeast Asia Status and Prospect (2012-2022)
 - 1.4.6 India Status and Prospect (2012-2022)
- 1.5 Global Market Size (Value) of Capacitance Measurement Probes (2012-2022)

2 GLOBAL CAPACITANCE MEASUREMENT PROBES MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Capacitance Measurement Probes Production and Share by Manufacturers (2015 and 2016)
- 2.2 Global Capacitance Measurement Probes Revenue and Share by Manufacturers (2015 and 2016)
- 2.3 Global Capacitance Measurement Probes Average Price by Manufacturers (2015 and 2016)
- 2.4 Manufacturers Capacitance Measurement Probes Manufacturing Base Distribution, Sales Area and Product Type



- 2.5 Capacitance Measurement Probes Market Competitive Situation and Trends
 - 2.5.1 Capacitance Measurement Probes Market Concentration Rate
- 2.5.2 Capacitance Measurement Probes Market Share of Top 3 and Top 5 Manufacturers
 - 2.5.3 Mergers & Acquisitions, Expansion

3 GLOBAL CAPACITANCE MEASUREMENT PROBES PRODUCTION, REVENUE (VALUE) BY REGION (2012-2017)

- 3.1 Global Capacitance Measurement Probes Production by Region (2012-2017)
- 3.2 Global Capacitance Measurement Probes Production Market Share by Region (2012-2017)
- 3.3 Global Capacitance Measurement Probes Revenue (Value) and Market Share by Region (2012-2017)
- 3.4 Global Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)
- 3.5 North America Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)
- 3.6 Europe Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)
- 3.7 China Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)
- 3.8 Japan Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)
- 3.9 Southeast Asia Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)
- 3.10 India Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)

4 GLOBAL CAPACITANCE MEASUREMENT PROBES SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGIONS (2012-2017)

- 4.1 Global Capacitance Measurement Probes Consumption by Regions (2012-2017)
- 4.2 North America Capacitance Measurement Probes Production, Consumption, Export, Import (2012-2017)
- 4.3 Europe Capacitance Measurement Probes Production, Consumption, Export, Import (2012-2017)
- 4.4 China Capacitance Measurement Probes Production, Consumption, Export, Import (2012-2017)



- 4.5 Japan Capacitance Measurement Probes Production, Consumption, Export, Import (2012-2017)
- 4.6 Southeast Asia Capacitance Measurement Probes Production, Consumption, Export, Import (2012-2017)
- 4.7 India Capacitance Measurement Probes Production, Consumption, Export, Import (2012-2017)

5 GLOBAL CAPACITANCE MEASUREMENT PROBES PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE

- 5.1 Global Capacitance Measurement Probes Production and Market Share by Type (2012-2017)
- 5.2 Global Capacitance Measurement Probes Revenue and Market Share by Type (2012-2017)
- 5.3 Global Capacitance Measurement Probes Price by Type (2012-2017)
- 5.4 Global Capacitance Measurement Probes Production Growth by Type (2012-2017)

6 GLOBAL CAPACITANCE MEASUREMENT PROBES MARKET ANALYSIS BY APPLICATION

- 6.1 Global Capacitance Measurement Probes Consumption and Market Share by Application (2012-2017)
- 6.2 Global Capacitance Measurement Probes Consumption Growth Rate by Application (2012-2017)
- 6.3 Market Drivers and Opportunities
 - 6.3.1 Potential Applications
 - 6.3.2 Emerging Markets/Countries

7 GLOBAL CAPACITANCE MEASUREMENT PROBES MANUFACTURERS PROFILES/ANALYSIS

7.1 ABB

- 7.1.1 Company Basic Information, Manufacturing Base and Its Competitors
- 7.1.2 Capacitance Measurement Probes Product Type, Application and Specification
- 7.1.2.1 Direct Probes
- 7.1.2.2 Indirect Probes
- 7.1.3 ABB Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.1.4 Main Business/Business Overview



7.2 HEXAGON MANUFACTURING INTELLIGENCE

- 7.2.1 Company Basic Information, Manufacturing Base and Its Competitors
- 7.2.2 Capacitance Measurement Probes Product Type, Application and Specification
 - 7.2.2.1 Direct Probes
 - 7.2.2.2 Indirect Probes
- 7.2.3 HEXAGON MANUFACTURING INTELLIGENCE Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2015 and 2016)
- 7.2.4 Main Business/Business Overview
- 7.3 RENISHAW
 - 7.3.1 Company Basic Information, Manufacturing Base and Its Competitors
 - 7.3.2 Capacitance Measurement Probes Product Type, Application and Specification
 - 7.3.2.1 Direct Probes
 - 7.3.2.2 Indirect Probes
- 7.3.3 RENISHAW Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.3.4 Main Business/Business Overview
- 7.4 OMEGA
- 7.4.1 Company Basic Information, Manufacturing Base and Its Competitors
- 7.4.2 Capacitance Measurement Probes Product Type, Application and Specification
 - 7.4.2.1 Direct Probes
 - 7.4.2.2 Indirect Probes
- 7.4.3 OMEGA Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.4.4 Main Business/Business Overview
- 7.5 HBM Test and Measurement
 - 7.5.1 Company Basic Information, Manufacturing Base and Its Competitors
 - 7.5.2 Capacitance Measurement Probes Product Type, Application and Specification
 - 7.5.2.1 Direct Probes
 - 7.5.2.2 Indirect Probes
- 7.5.3 HBM Test and Measurement Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.5.4 Main Business/Business Overview
- 7.6 Siemens
- 7.6.1 Company Basic Information, Manufacturing Base and Its Competitors
- 7.6.2 Capacitance Measurement Probes Product Type, Application and Specification
 - 7.6.2.1 Direct Probes
 - 7.6.2.2 Indirect Probes
- 7.6.3 Siemens Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2015 and 2016)



7.6.4 Main Business/Business Overview

8 CAPACITANCE MEASUREMENT PROBES MANUFACTURING COST ANALYSIS

- 8.1 Capacitance Measurement Probes Key Raw Materials Analysis
 - 8.1.1 Key Raw Materials
 - 8.1.2 Price Trend of Key Raw Materials
 - 8.1.3 Key Suppliers of Raw Materials
 - 8.1.4 Market Concentration Rate of Raw Materials
- 8.2 Proportion of Manufacturing Cost Structure
 - 8.2.1 Raw Materials
 - 8.2.2 Labor Cost
 - 8.2.3 Manufacturing Expenses
- 8.3 Manufacturing Process Analysis of Capacitance Measurement Probes

9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 9.1 Capacitance Measurement Probes Industrial Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of Capacitance Measurement Probes Major Manufacturers in 2015
- 9.4 Downstream Buyers

10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 10.1 Marketing Channel
 - 10.1.1 Direct Marketing
 - 10.1.2 Indirect Marketing
 - 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
 - 10.2.1 Pricing Strategy
 - 10.2.2 Brand Strategy
 - 10.2.3 Target Client
- 10.3 Distributors/Traders List

11 MARKET EFFECT FACTORS ANALYSIS

- 11.1 Technology Progress/Risk
 - 11.1.1 Substitutes Threat



- 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change

12 GLOBAL CAPACITANCE MEASUREMENT PROBES MARKET FORECAST (2017-2022)

- 12.1 Global Capacitance Measurement Probes Production, Revenue and Price Forecast (2017-2022)
- 12.1.1 Global Capacitance Measurement Probes Production and Growth Rate Forecast (2017-2022)
- 12.1.2 Global Capacitance Measurement Probes Revenue and Growth Rate Forecast (2017-2022)
- 12.1.3 Global Capacitance Measurement Probes Price and Trend Forecast (2017-2022)
- 12.2 Global Capacitance Measurement Probes Production, Consumption, Import and Export Forecast by Regions (2017-2022)
- 12.2.1 North America Capacitance Measurement Probes Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
- 12.2.2 Europe Capacitance Measurement Probes Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
- 12.2.3 China Capacitance Measurement Probes Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
- 12.2.4 Japan Capacitance Measurement Probes Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
- 12.2.5 Southeast Asia Capacitance Measurement Probes Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
- 12.2.6 India Capacitance Measurement Probes Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
- 12.3 Global Capacitance Measurement Probes Production, Revenue and Price Forecast by Type (2017-2022)
- 12.4 Global Capacitance Measurement Probes Consumption Forecast by Application (2017-2022)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

Methodology



Analyst Introduction Data Source

The report requires updating with new data and is sent in 2-3 business days after order is placed.



List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Capacitance Measurement Probes

Figure Global Production Market Share of Capacitance Measurement Probes by Type in 2015

Figure Product Picture of Direct Probes

Table Major Manufacturers of Direct Probes

Figure Product Picture of Indirect Probes

Table Major Manufacturers of Indirect Probes

Table Capacitance Measurement Probes Consumption Market Share by Application in 2015

Figure Petrochemical Industry Examples

Figure Pharmaceutical Industry Examples

Figure Electronic Industry Examples

Figure Other Industries Examples

Figure North America Capacitance Measurement Probes Revenue (Million USD) and Growth Rate (2012-2022)

Figure Europe Capacitance Measurement Probes Revenue (Million USD) and Growth Rate (2012-2022)

Figure China Capacitance Measurement Probes Revenue (Million USD) and Growth Rate (2012-2022)

Figure Japan Capacitance Measurement Probes Revenue (Million USD) and Growth Rate (2012-2022)

Figure Southeast Asia Capacitance Measurement Probes Revenue (Million USD) and Growth Rate (2012-2022)

Figure India Capacitance Measurement Probes Revenue (Million USD) and Growth Rate (2012-2022)

Figure Global Capacitance Measurement Probes Revenue (Million UDS) and Growth Rate (2012-2022)

Table Global Capacitance Measurement Probes Capacity of Key Manufacturers (2015 and 2016)

Table Global Capacitance Measurement Probes Capacity Market Share by Manufacturers (2015 and 2016)

Figure Global Capacitance Measurement Probes Capacity of Key Manufacturers in 2015

Figure Global Capacitance Measurement Probes Capacity of Key Manufacturers in 2016



Table Global Capacitance Measurement Probes Production of Key Manufacturers (2015 and 2016)

Table Global Capacitance Measurement Probes Production Share by Manufacturers (2015 and 2016)

Figure 2015 Capacitance Measurement Probes Production Share by Manufacturers Figure 2016 Capacitance Measurement Probes Production Share by Manufacturers Table Global Capacitance Measurement Probes Revenue (Million USD) by Manufacturers (2015 and 2016)

Table Global Capacitance Measurement Probes Revenue Share by Manufacturers (2015 and 2016)

Table 2015 Global Capacitance Measurement Probes Revenue Share by Manufacturers

Table 2016 Global Capacitance Measurement Probes Revenue Share by Manufacturers

Table Global Market Capacitance Measurement Probes Average Price of Key Manufacturers (2015 and 2016)

Figure Global Market Capacitance Measurement Probes Average Price of Key Manufacturers in 2015

Table Manufacturers Capacitance Measurement Probes Manufacturing Base Distribution and Sales Area

Table Manufacturers Capacitance Measurement Probes Product Type
Figure Capacitance Measurement Probes Market Share of Top 3 Manufacturers
Figure Capacitance Measurement Probes Market Share of Top 5 Manufacturers
Table Global Capacitance Measurement Probes Capacity by Regions (2012-2017)
Figure Global Capacitance Measurement Probes Capacity Market Share by Regions (2012-2017)

Figure Global Capacitance Measurement Probes Capacity Market Share by Regions (2012-2017)

Figure 2015 Global Capacitance Measurement Probes Capacity Market Share by Regions

Table Global Capacitance Measurement Probes Production by Regions (2012-2017) Figure Global Capacitance Measurement Probes Production and Market Share by Regions (2012-2017)

Figure Global Capacitance Measurement Probes Production Market Share by Regions (2012-2017)

Figure 2015 Global Capacitance Measurement Probes Production Market Share by Regions

Table Global Capacitance Measurement Probes Revenue by Regions (2012-2017)
Table Global Capacitance Measurement Probes Revenue Market Share by Regions



(2012-2017)

Table 2015 Global Capacitance Measurement Probes Revenue Market Share by Regions

Table Global Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)

Table North America Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)

Table Europe Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)

Table China Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)

Table Japan Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)

Table Southeast Asia Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)

Table India Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2012-2017)

Table Global Capacitance Measurement Probes Consumption Market by Regions (2012-2017)

Table Global Capacitance Measurement Probes Consumption Market Share by Regions (2012-2017)

Figure Global Capacitance Measurement Probes Consumption Market Share by Regions (2012-2017)

Figure 2015 Global Capacitance Measurement Probes Consumption Market Share by Regions

Table North America Capacitance Measurement Probes Production, Consumption, Import & Export (2012-2017)

Table Europe Capacitance Measurement Probes Production, Consumption, Import & Export (2012-2017)

Table China Capacitance Measurement Probes Production, Consumption, Import & Export (2012-2017)

Table Japan Capacitance Measurement Probes Production, Consumption, Import & Export (2012-2017)

Table Southeast Asia Capacitance Measurement Probes Production, Consumption, Import & Export (2012-2017)

Table India Capacitance Measurement Probes Production, Consumption, Import & Export (2012-2017)

Table Global Capacitance Measurement Probes Production by Type (2012-2017)
Table Global Capacitance Measurement Probes Production Share by Type (2012-2017)



Figure Production Market Share of Capacitance Measurement Probes by Type (2012-2017)

Figure 2015 Production Market Share of Capacitance Measurement Probes by Type Table Global Capacitance Measurement Probes Revenue by Type (2012-2017) Table Global Capacitance Measurement Probes Revenue Share by Type (2012-2017) Figure Production Revenue Share of Capacitance Measurement Probes by Type (2012-2017)

Figure 2015 Revenue Market Share of Capacitance Measurement Probes by Type Table Global Capacitance Measurement Probes Price by Type (2012-2017) Figure Global Capacitance Measurement Probes Production Growth by Type (2012-2017)

Table Global Capacitance Measurement Probes Consumption by Application (2012-2017)

Table Global Capacitance Measurement Probes Consumption Market Share by Application (2012-2017)

Figure Global Capacitance Measurement Probes Consumption Market Share by Application in 2015

Table Global Capacitance Measurement Probes Consumption Growth Rate by Application (2012-2017)

Figure Global Capacitance Measurement Probes Consumption Growth Rate by Application (2012-2017)

Table ABB Basic Information, Manufacturing Base, Sales Area and Its Competitors Table ABB Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure ABB Capacitance Measurement Probes Market Share (2015 and 2016) Table HEXAGON MANUFACTURING INTELLIGENCE Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table HEXAGON MANUFACTURING INTELLIGENCE Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure HEXAGON MANUFACTURING INTELLIGENCE Capacitance Measurement Probes Market Share (2015 and 2016)

Table RENISHAW Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table RENISHAW Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure RENISHAW Capacitance Measurement Probes Market Share (2015 and 2016) Table OMEGA Basic Information, Manufacturing Base, Sales Area and Its Competitors Table OMEGA Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2015 and 2016)



Figure OMEGA Capacitance Measurement Probes Market Share (2015 and 2016)
Table HBM Test and Measurement Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table HBM Test and Measurement Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure HBM Test and Measurement Capacitance Measurement Probes Market Share (2015 and 2016)

Table Siemens Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Siemens Capacitance Measurement Probes Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure Siemens Capacitance Measurement Probes Market Share (2015 and 2016)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Capacitance Measurement Probes

Figure Manufacturing Process Analysis of Capacitance Measurement Probes

Figure Capacitance Measurement Probes Industrial Chain Analysis

Table Raw Materials Sources of Capacitance Measurement Probes Major Manufacturers in 2015

Table Major Buyers of Capacitance Measurement Probes

Table Distributors/Traders List

Figure Global Capacitance Measurement Probes Production and Growth Rate Forecast (2017-2022)

Figure Global Capacitance Measurement Probes Revenue and Growth Rate Forecast (2017-2022)

Figure Global Capacitance Measurement Probes Price and Trend Forecast (2017-2022) Table Global Capacitance Measurement Probes Production Forecast by Regions (2017-2022)

Table Global Capacitance Measurement Probes Consumption Forecast by Regions (2017-2022)

Figure North America Capacitance Measurement Probes Production, Revenue and Growth Rate Forecast (2017-2022)

Table North America Capacitance Measurement Probes Production, Consumption, Export and Import Forecast (2017-2022)

Figure Europe Capacitance Measurement Probes Production, Revenue and Growth Rate Forecast (2017-2022)

Table Europe Capacitance Measurement Probes Production, Consumption, Export and Import Forecast (2017-2022)

Figure China Capacitance Measurement Probes Production, Revenue and Growth Rate



Forecast (2017-2022)

Table China Capacitance Measurement Probes Production, Consumption, Export and Import Forecast (2017-2022)

Figure Japan Capacitance Measurement Probes Production, Revenue and Growth Rate Forecast (2017-2022)

Table Japan Capacitance Measurement Probes Production, Consumption, Export and Import Forecast (2017-2022)

Figure Southeast Asia Capacitance Measurement Probes Production, Revenue and Growth Rate Forecast (2017-2022)

Table Southeast Asia Capacitance Measurement Probes Production, Consumption, Export and Import Forecast (2017-2022)

Figure India Capacitance Measurement Probes Production, Revenue and Growth Rate Forecast (2017-2022)

Table India Capacitance Measurement Probes Production, Consumption, Export and Import Forecast (2017-2022)

Table Global Capacitance Measurement Probes Production Forecast by Type (2017-2022)

Table Global Capacitance Measurement Probes Revenue Forecast by Type (2017-2022)

Table Global Capacitance Measurement Probes Price Forecast by Type (2017-2022)
Table Global Capacitance Measurement Probes Consumption Forecast by Application (2017-2022)



I would like to order

Product name: Global Capacitance Measurement Probes Market Research Report 2017

Product link: https://marketpublishers.com/r/G8ECABEDE4BEN.html

Price: US\$ 2,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name: Last name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G8ECABEDE4BEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970