

THE SOURCE
OF HEATERS

VITAR[®]
GROUP OF COMPANIES
HEAT & TEMPERATURE DIVISION




50 YEARS
OF EXCELLENCE
1966 - 2016


SINCE 1960s PROVIDING HEATING AND ACCURACY


VITAR[®] GROUP


HEAT & TEMPERATURE DIVISION

 VBC ELECTRO HEAT
Sdn. Bhd. (444864-A)


 VITAR CERAMASPEED
Sdn. Bhd. (494695-A)

 VBC MANUFACTURING
Sdn. Bhd. (274012-T)

 VITAR BROS
MANUFACTURING
Sdn. Bhd. (494695-A)


 VITAR SEGATEC
Sdn. Bhd. (260510-D)

TRADING & DISTRIBUTION

 INDUSTRIAL AUTOMATION (M)
Sdn. Bhd. (29039-0)

- Kuala Lumpur
- Sarawak
- Perak
- Selangor
- Penang
- Kedah
- Pahang
- Melaka
- Johor Bahru


INVESTMENT

 INDUSTRIAL AUTOMATION (M)
HOLDING Sdn. Bhd. (178523-P)

SHAREHOLDER

 KL AUTOMATION ENGINEERING
Sdn. Bhd. (644494-V)

PROJECT & ENGINEERING

 SYSMAC AUTOMATION
Sdn. Bhd. (487914-H)

VITAR[®]

GROUP OF COMPANIES

HEAT & TEMPERATURE DIVISION

Start with small steps to
reach greater heights.



VITAR

VBC ELECTRO HEAT Sdn. Bhd.
(444864 - A)



HEATER FOR APPLIANCES (OEM)
ISO 9001 (Certified)

- Sheath Heater
- Mica Heater
- Glass Heater

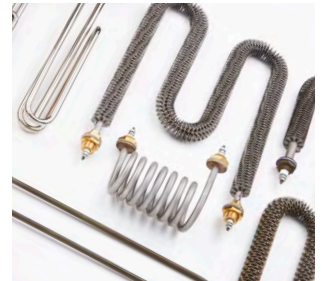


VBC MANUFACTURING
Sdn. Bhd. (27-4012-T)



INDUSTRIAL CUSTOMIZE HEATER

- Tubular Heater / Cartridge Heater
- Infrared Ceramic / Silica / Quartz Heater
- Mica Heater / Band Heater
- Thermocouples, RTD



VITAR SEGATEC Sdn. Bhd.
(260510-D)



CALIBRATION & MEASUREMENT
ISO / IEC 17025 (Accredited)

- Calibration
- Measurement
- Consultation



VITAR CERAMASPEED
Sdn. Bhd. (494695-A)

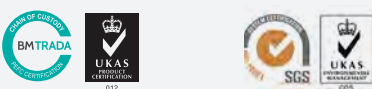


RADIANT HEATING ELEMENTS
ISO 9001 (Certified)

- Coil Heater
- Radiant Heater
- Eco Grill

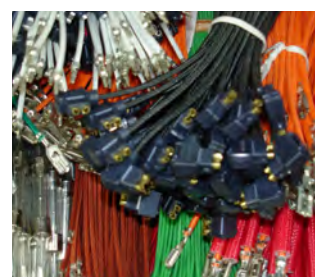


VITAR BROS
MANUFACTURING
Sdn. Bhd. (143181-W)



WIRE HARNESS ASSEMBLY
ISO 9001 (Certified)
ISO 14001 (Certified)

- Flexible Foil Heater
- Wire Assembly
- Moulded Cords



THE COMPANY

OUR BEGINNINGS

VITAR GROUP has its humble beginnings that goes way back to the 1960's where it started off as a repairer and dealer of home appliances.

OUR GROWTH

As the country sets into the age of economic boom in the 80's, VITAR embarks into home appliances industry, specializing in wire harness, heater assembly and custom made industrial heating elements supplying mainly to local makers.

Over the next decade into the 90's, VITAR achieves another milestone through more specialized industrial venture in OEM heating elements for home appliances multinational worldwide as well as locally.

Vitar became the first ASEAN heating element manufacturer accredited with the ISO 9001 Certification.

THE PRESENT

50 years since its establishment, VITAR has made its mark in the industry as the largest heating element manufacturer in SEA with worldwide exports to countries such as Europe, America, Russia & Asia.

The combination of strength from 5 subsidiaries in the heat & temperature division enables VITAR to operate as a one stop solution provider acting as partners to customers to enhance their competitiveness in the industry.

As such, customers have benefited from our fast responsiveness and flexibility through joint development projects, technology transfer, and optimization of manufacturing systems, consistent quality management and vigorous commitment to customer satisfaction.

BACKGROUND



THE FUTURE

The ever changing and expanding marketplace pose great deal of challenges and opportunities ahead.

At VITAR, we aim to uphold our commitment in providing customers with quality products and services through continuous development of innovative and competitive solutions in close collaboration with customers.



VBC

ELECTRO-HEAT Sdn. Bhd.



VBC Electro-Heat Sdn. Bhd. (VBC) was established in 1997 having its core business in OEM heating elements for appliances.

VBC's heating elements manufactured are exported worldwide to major customers in countries such as Europe, America, Russia & Asia (directly and indirectly)

Locally, VBC supplies heating elements to major Malaysia maker and OEMs for shower heater and storage tank heater.

VBC's range of products comprises of various types of Sheath Heater, Mica Heater and Glass Heater produced within highly efficient manufacturing facilities and stringent quality standards.



Backed by over 50 years of experience in heating expertise, VBC has extended its role not only as an OEM but also serves as a partner to customer in joint development projects through integration in technical know-how.



SHEATH HEATER ASSEMBLY



APPLICATION:

Air-Conditioner
Boiler
Coffee Maker / Machine
Dish Washer
Microwave Oven
Over Toaster
Refrigerator
Shower Heater
Washer Dryer Machine
Water Storage Tank
Washing Machine



Common material used:

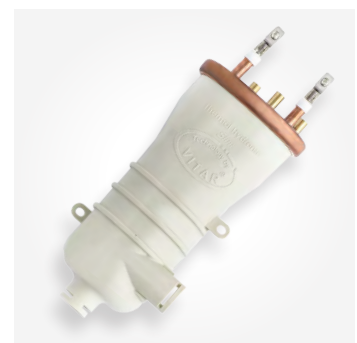
Copper Chrome
Copper
Incoloy 800.825, 840
Stainless Steel 304, 316
Titanium

HEATER TANK ASSEMBLY



Common material used:

Brass
Copper
Stainless Steel 304
Plastic



MICA HEATER

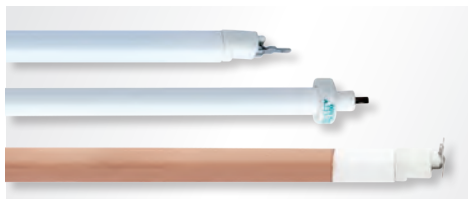
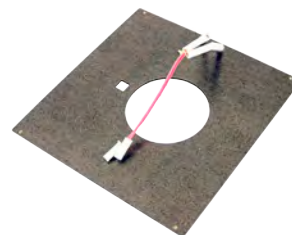


APPLICATIONS:

- Bread Toaster
- Hair Dryer
- Hand Dryer
- Iron
- Microwave Oven
- Oil Filled Radiator
- Printer
- Rice Cooker
- Smooth Ceramic Cooktop
- Thermo Pot
- Water Dispenser

Common material used:

- Aluminium
- Alster
- Brass
- Mica
- Stainless Steel



GLASS HEATER



APPLICATIONS:

- Microwave
- Oven
- Oven Toaster
- Refrigerator
- Space Warmer

Common material used:

- Ceramic
- Neoceram
- Silica
- Quartz



VITAR[®]

CERAMASPEED Sdn. Bhd.



Vitar-Ceramspeed Sdn. Bhd. (VCS) established in 2000 and has been partnering with Ceramaspeed which is renowned for its worldwide patented grill heating technology (Radiant Heater & Ecogrill).

The utilization of technology transfer gives VCS an edge in cost competitiveness without compromising on quality by pioneering the production of a new series of high end radiant heater in the industry.

VCS range of products comprises of radiant heating element for various applications such as Smooth Ceramic Cooktop, Microwave Oven, Kebab & BBQ Grill and Dryer.

VCS radiant heater adheres to international certification standard namely UL & VDE approvals.

COIL HEATER



FEATURES:

- Fast heating and efficient heat distribution
- Varieties of models
- Versatile coil design

APPLICATION:

Smooth Surface Ceramic Cooktop

RADIANT HEATER



FEATURES:

- Fast visual light up ribbon heaters, uniform cooking
- Designed for automation ribbon elemental which results in mechanically robust high quality product.
- Aethetical pleasing in the eyes of the consumer

APPLICATION:

Smooth Surface Ceramic Cooktop

ECO GRILL



FEATURES:

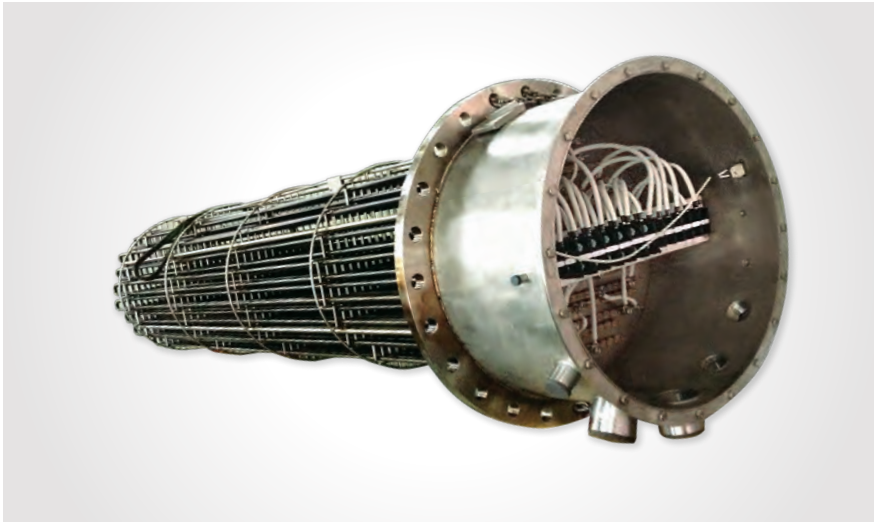
- World-wide patented grill
- Fastest & uniform grilling
- More appetising food.
- Ribbon element maximises the grill's thermal & visual responsiveness

APPLICATION:

Microwave oven grill / Oven toaster grill
Teppanyaki grill / Kebab & BBQ grill

VBC

MANUFACTURING Sdn. Bhd.



Established in 1982, VBC Manufacturing Sdn. Bhd. (VBCM) is Malaysia's leading manufacturer of custom made industrial heating elements and thermo-sensor.

VBCM manufactures are major of heating element produced in Malaysia as a result of effective optimisation of manufacturing process backed by committed and skilled workforce.



VBCM also has earned the enviable position of being the first and only thermosensor manufacturer in SEA with an accredited laboratory awarded with ISO/IEC 17025.



RANGE OF PRODUCTS COMPRISES OF:

- Cartridge Heater
- Industrial Tubular Heater
- Infrapara Heater
- Mica Heater
- Band Heater
- Anti-Condensation Heater
- Finned Heater
- Thermocouples, RTD



VITAR[®] BROS MANUFACTURING Sdn. Bhd.

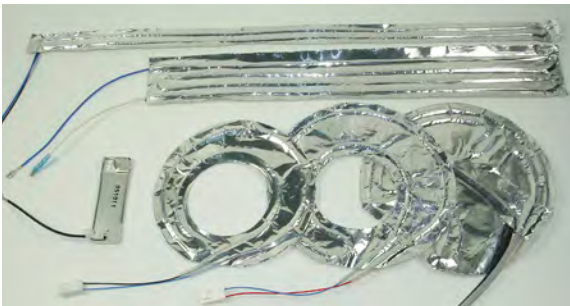


Since its establishment in 1985, Vitar Bros. manufacturing Sdn. Bhd. (VBM) has been serving numerous multinational companies. In tune with the recent trends of global environment awareness and responsibility, certified with ISO 9001 and 14001.

VBM's core business activities comprises as follows:

HEATER ASSEMBLY

- Mica Heater
- Aluminium Foil Heater
- Band Heater
- Heater Wire:
 - PVC/Silicone Rubber/Fibre Glass



MOULDED POWER CORD

- Power Cord Set
- Socket
- Moulded Cord Bushing



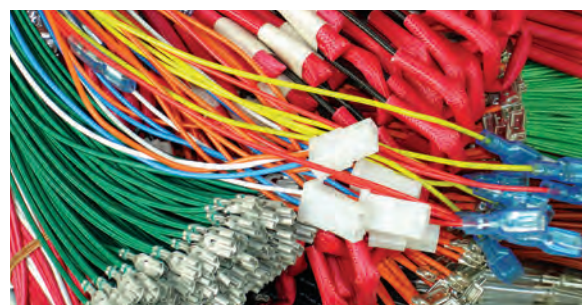
COMPONENT ASSEMBLY

- Neon Lamp Assembly
- Switch Assembly



WIRE HARNESS ASSEMBLY

- Connector Wire Assembly
- Lead Wire Assembly



VITAR[®] SEGATEC Sdn. Bhd.



Vitar-Segatec Sdn. Bhd. was established in 1993 specializing as instrumentation and calibration service provider for various industries as well as in-house services for VITAR's heat & temperature division.

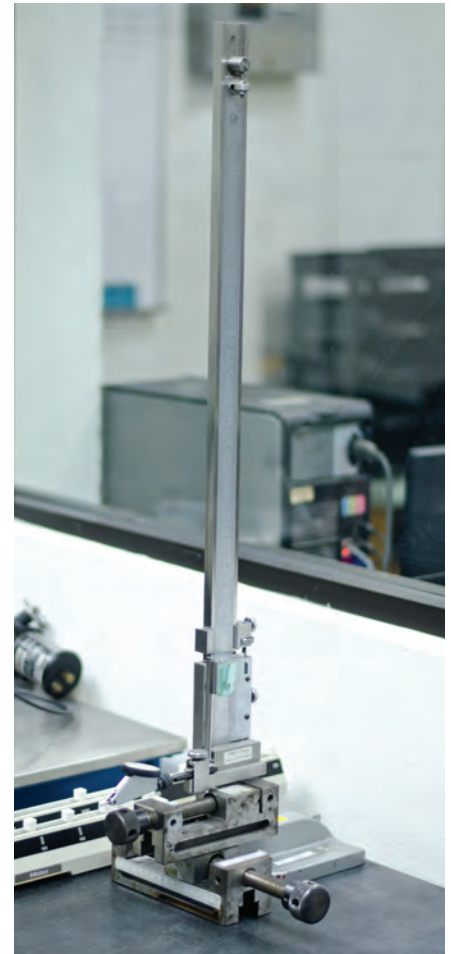
Over the years, Vitar-Segatec has emerged as one of the most reputable centres for calibration and measurement being awarded the prestigious SAMM ISO/IEC 17025 accreditation by Department of Standard Malaysia (DSM).

Vitar-Segatec's quality control and calibration services adhere to various international standards (ASTM, IEC, JIS, DIN, BS). Other services provided includes public & in-house seminar as well as training and consultation.



VITAR-SEGATEC'S SCOOP OF CALIBRATION:

- Temperature & Humidity
- Mass
- Dimensional
- Electrical
- Pressure
- Volumetric



VITAR[®] GROUP

CONTRACT MANUFACTURER



50 years of solid experience as a leading supplier with top-notch quality products in worldwide exports across Europe, America, Russia & Asia.

As trust in our current operations continues, VITAR is rapidly expanding and is now an appointed Contract Manufacturer (CM) in our field of expertise. We focus on quality components acquisition with stringent controls, in-depth product testing which are crucial to our fully integrated production system.

Our customer base is expanding and we would like to share our wonderful journey together with you on what we can offer:

1. FACILITY AND SKILLED WORKERS

- Safe manufacturing space and environment
- Skilled and trained labour
- Approved operational license and certification



2. SUPERIOR QUALITY

- Innovative technology transfer
- Excellent manufacturing processes
- Continuous improvement processes



3. EXCELLENT CUSTOMER SERVICE

- Joint development to understand every aspects of customers' needs
- Collaborate and deliver design matching customers' specification
- Efficient after manufacturing service

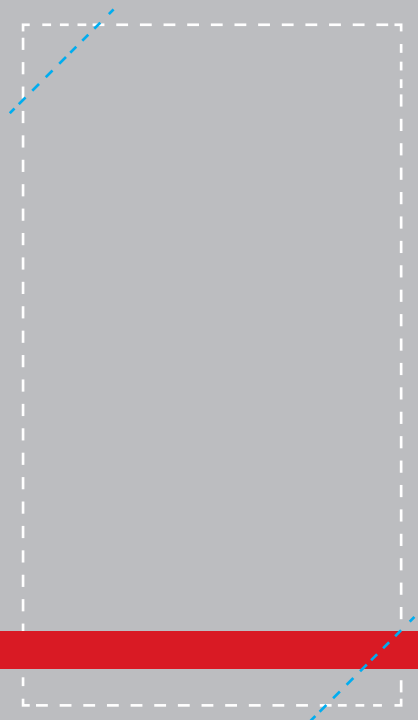


A photograph of a modern building facade with a large glass window reflecting the sky. The name 'WISMA VITAR' is mounted on the white upper part of the building in large, red, 3D block letters.

WISMA VITAR

THE SOURCE OF HEATERS

We aim to uphold
our commitment
in providing
customers with
quality products
and services.



VITAR[®]

GROUP OF COMPANIES
HEAT & TEMPERATURE DIVISION

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