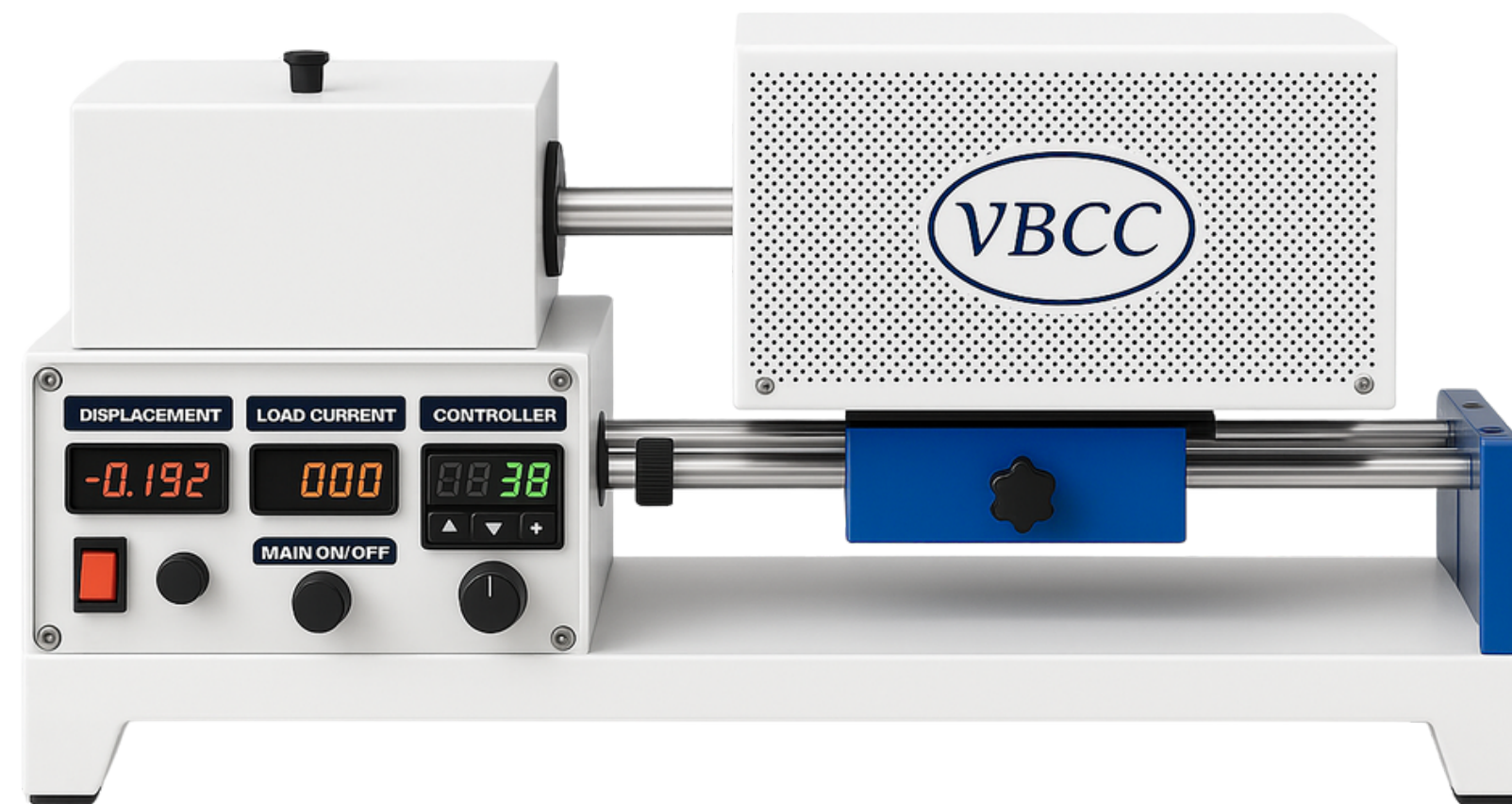


VB CERAMIC CONSULTANTS

Trusted Dilatometer Manufacturer for the Indian Ceramic Industry



- **20+ Years** in Ceramic Testing & High-Temperature Instrumentation
- **OEM & Indigenous Manufacturer**
- **Supplied to R&D Labs, Tile Majors & National Institutes**

India's Most Widely Installed Dilatometer



Across Tiles, Sanitaryware, Refractories & R&D

Trusted by India's Leading Tile Manufacturers

Kajaria Ceramics

Kajaria

H & R Johnson – 6 Plants

 **JOHNSON**[®]
DESIGNERS' CHOICE

Somany Ceramics – 2 Plants

SOMANY 

Orient Bell

 **orientbell**
tiles

CERA

CERA

Industry Recognition & Independent Validation

The performance of the computerized Dilatometer (1000 °C) has been found to be excellent and consistent. The operation of the instrument is also very good.

SOMANY

The dilatometer supplied by VB Ceramic Consultants has demonstrated consistently excellent performance during operation.

CSIR-CGCRI, KHURJA



Dr. Anil Kaviraj – Johnson Award 2024 conferred by the Indian Ceramic Society to **Dr. V. Viswabaskaran (MD, VB Ceramic Consultants)**, presented by **Mr. Sudipta Saha, President – H&R Johnson**

Technical Information

Maximum Temperature	1000 °C / 1400 °C / 1600 °C
Heating Elements	APM Kanthal (1000 °C) / SiC (1400 °C) / MoSi ₂ (1600 °C)
Insulation	Low thermal mass fibre insulation
Power Control	Phase-angle thyristor control using SCR power block (SEMIKRON, Italy)
Temperature Control Accuracy	±1 °C
Power Supply	230 V AC, 15 A, Single-phase
Furnace Movement Mechanism	Linear bearings mounted on stainless steel guide rails
Expansion Measurement Sensor	LVDT (Massetron, Germany)
Measurement Accuracy	1 micron
Measurement Range	–2000 to +2000 microns
Standard Sample Dimensions	10 × 10 × 30 mm (±2 mm)

Why VBCC is a Low-Risk, High-Value Choice

- ✓ Proven with 500+ installations
- ✓ Deep tile-industry experience
- ✓ Indigenous OEM – faster support & spares
- ✓ Long-term service continuity

“Not an experiment. A proven workhorse.”