

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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PERKIN ELMER

DMA 7e

Measuring Systems

PERKIN ELMER

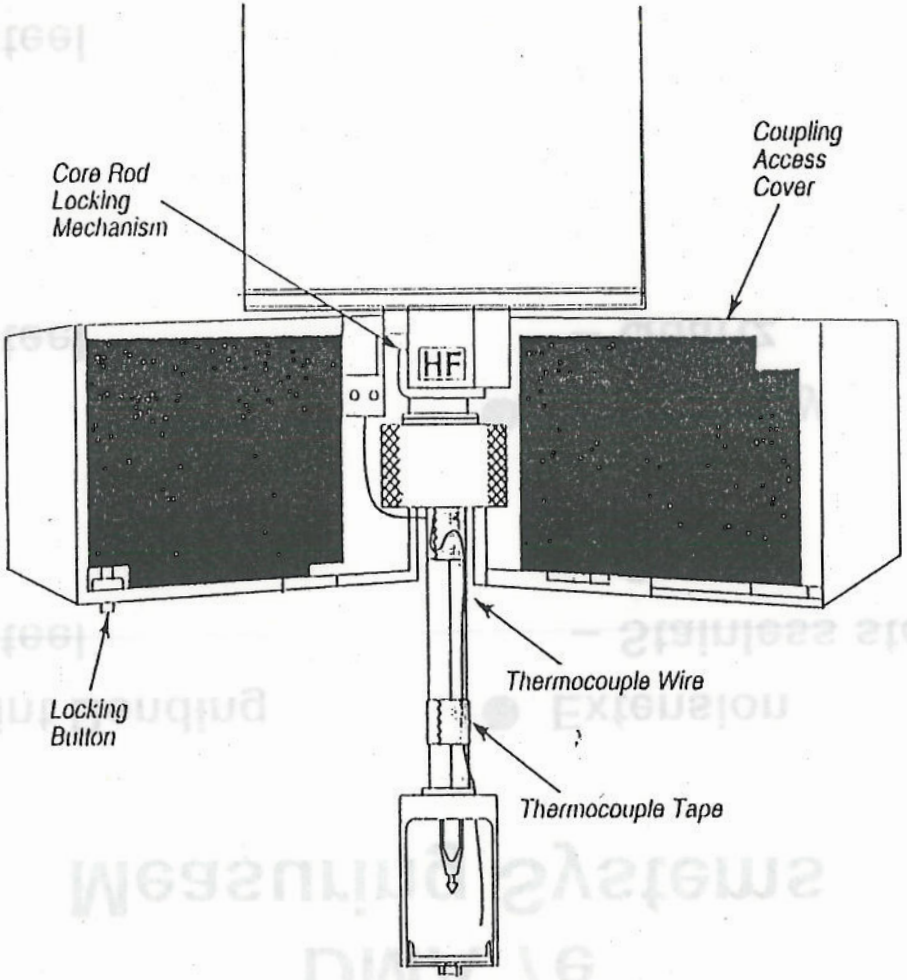
DMA 7e

Measuring Systems

DMA 7e
Measuring Systems

- 3-Point / 4-Point Bending
  - Stainless steel
  - Quartz
- Parallel Plate
  - Stainless steel
  - Quartz
- Cantilever
  - Stainless steel
- Extension
  - Stainless steel
  - Quartz
- Dilatometry
  - Quartz

DMA 7e
Measuring System Installation



DMA 7 Measuring Systems

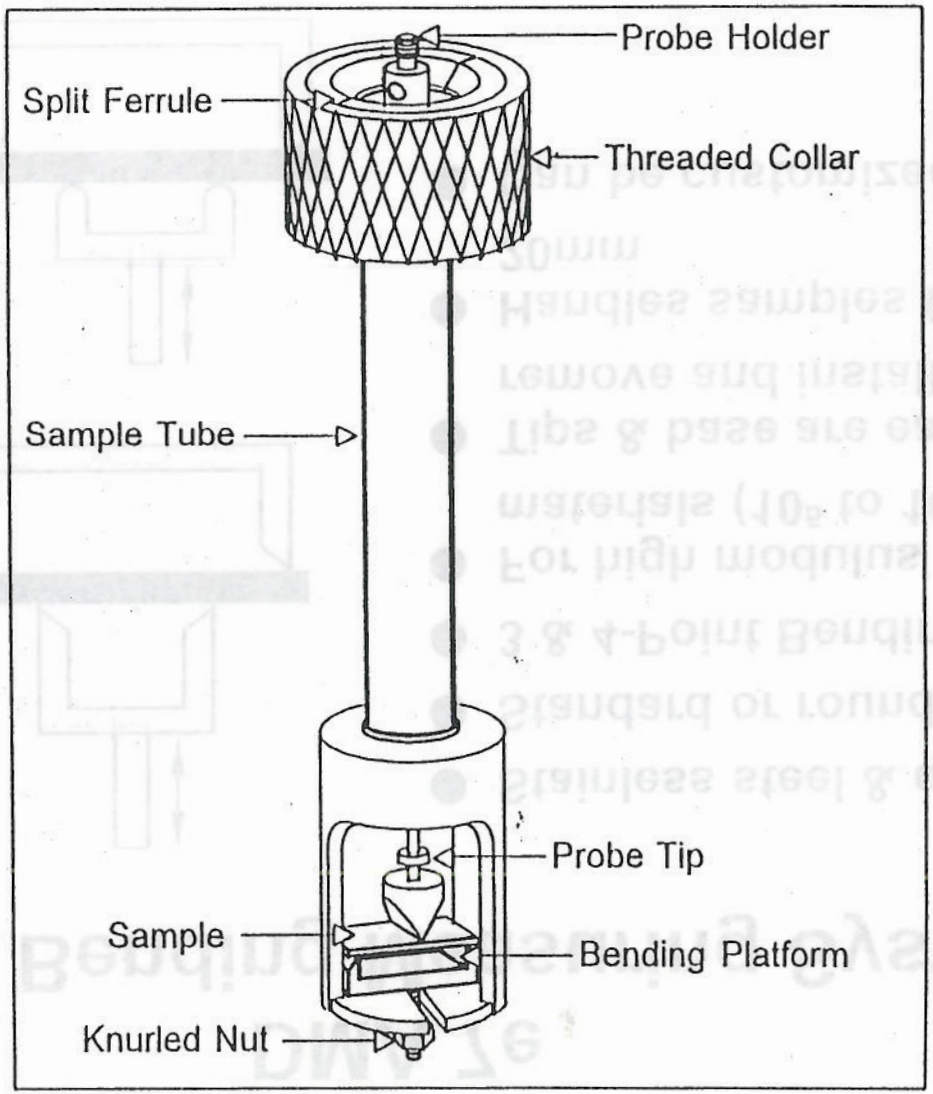
Stainless Steel & Quartz

Accomodate most sample types & geometries

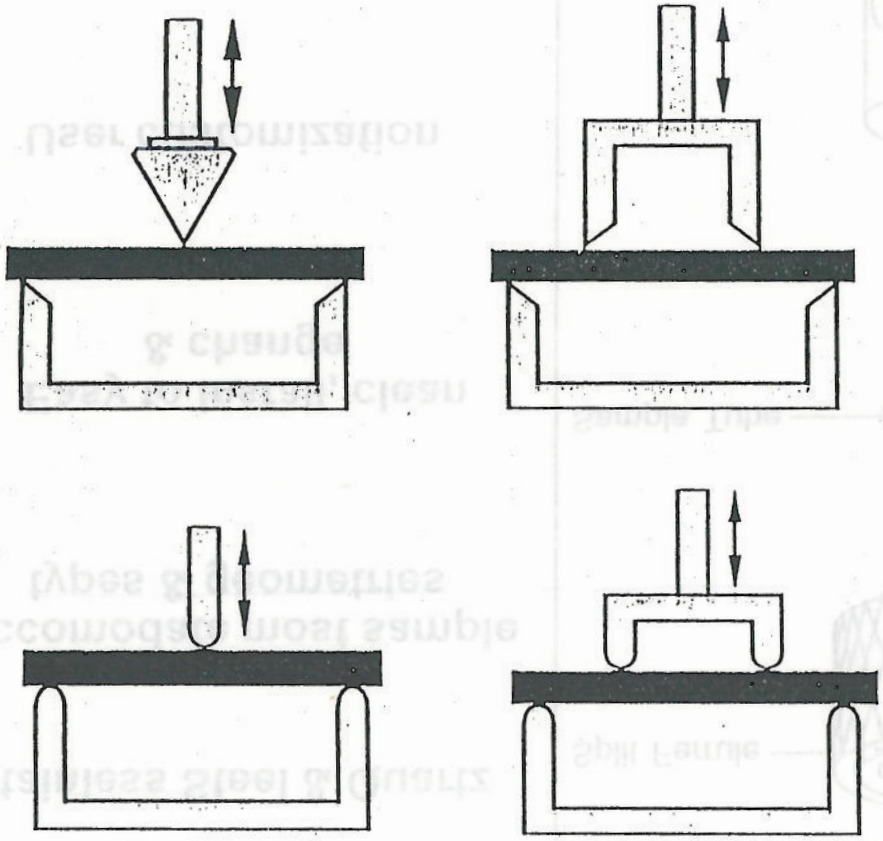
Easy to install, clean & change

User customization

Rugged / long life

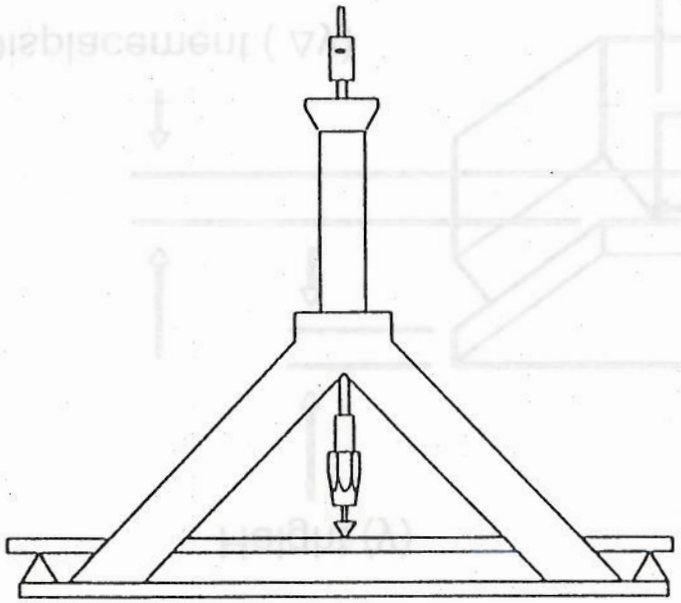


DMA 7e
3-Point Bending Measuring System



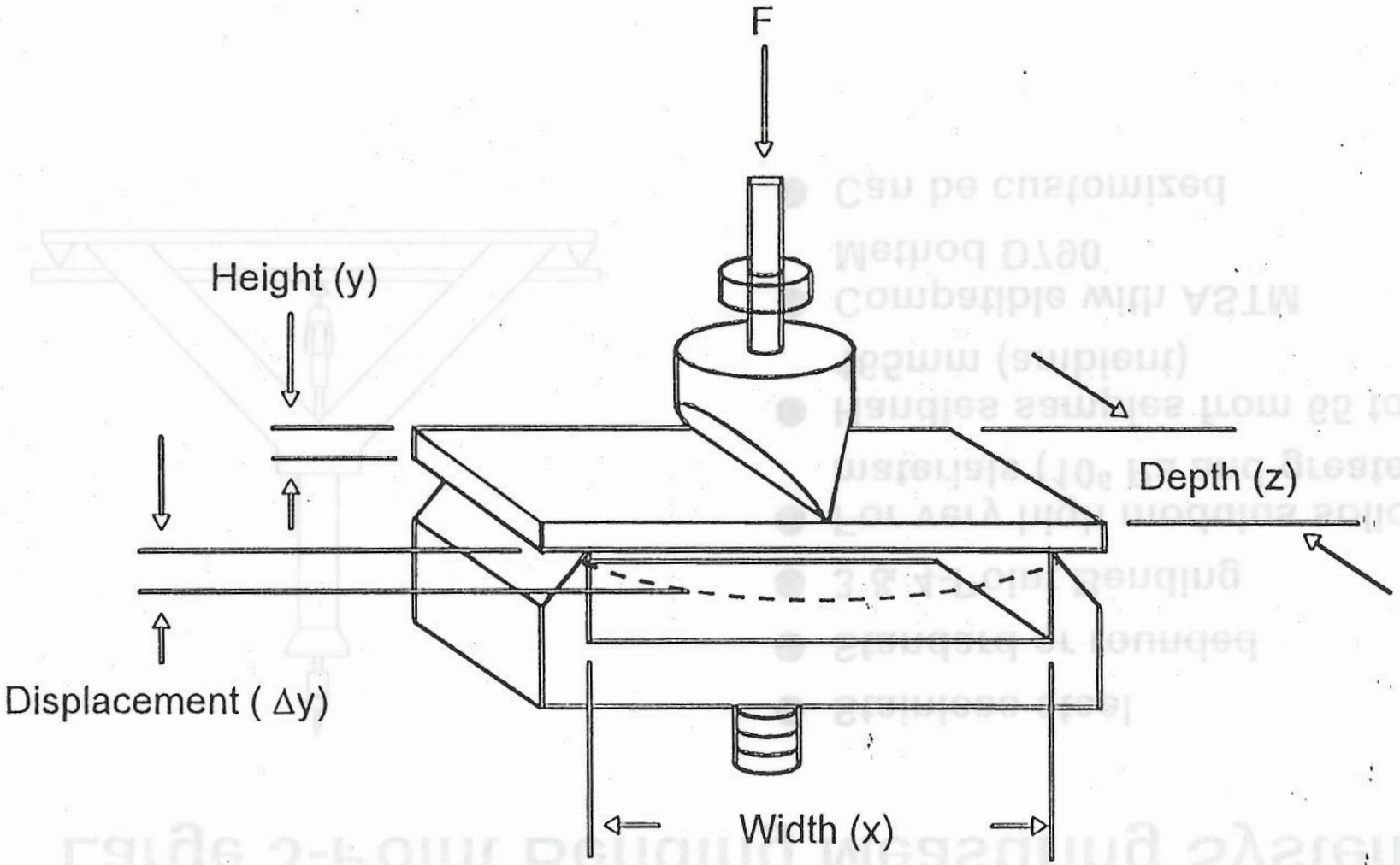
- Stainless steel & quartz
- Standard or rounded
- 3 & 4-Point Bending
- For high modulus solid materials (10^5 to 10^{12} Pa)
- Tips & base are easy to remove and install
- Handles samples from 5 to 20mm
- Can be customized

DMA 7e
Large 3-Point Bending Measuring System

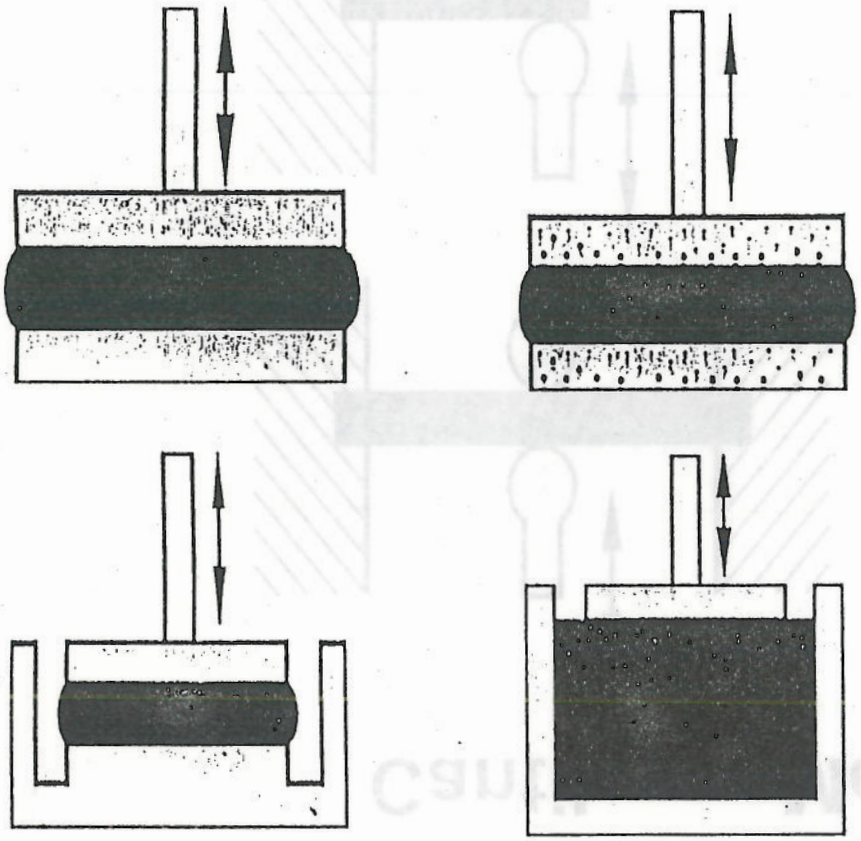


- Stainless steel
- Standard or rounded
- 3 & 4-Point Bending
- For very high modulus solid materials (10^5 Pa and greater)
- Handles samples from 65 to 165mm (ambient)
- Compatible with ASTM Method D790
- Can be customized

Three-Point Bending Dimensions

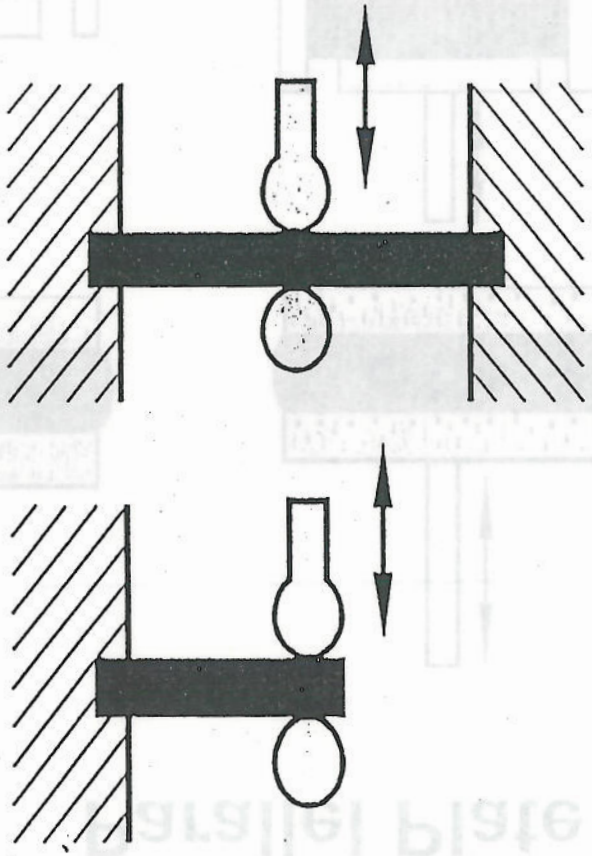


DMA 7e
Parallel Plate Measuring System



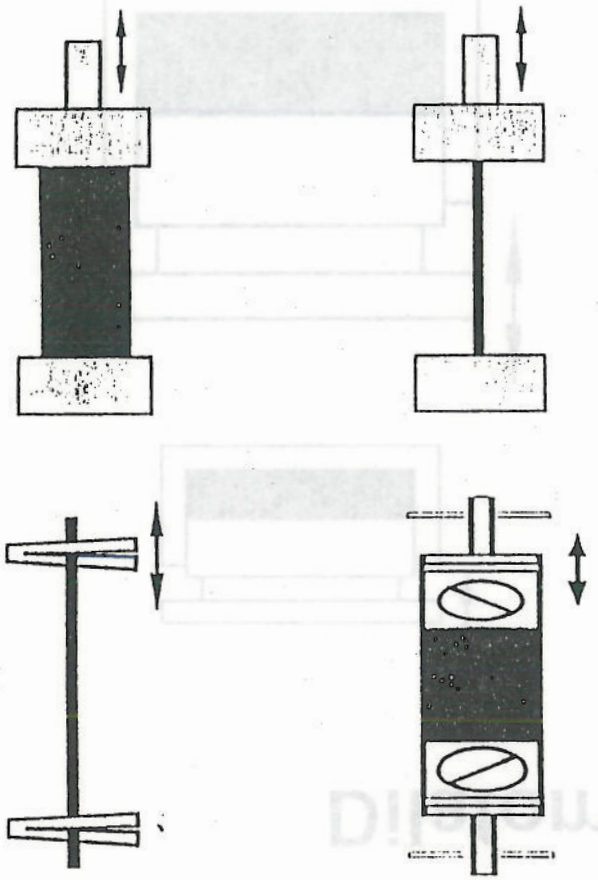
- Stainless steel & quartz
- Flat plates, sintered plates, plates with tray, cup and plate
- For semisolids or solids in modulus range (10^3 to 10^6 Pa)
- Tips & base are easy to remove and install
- Can be customized
- Sintered plates for samples with oil/additives
- Plate with tray prevents spillover into furnace
- Cup & plate for liquid samples

DMA 7e
Cantilever Measuring System



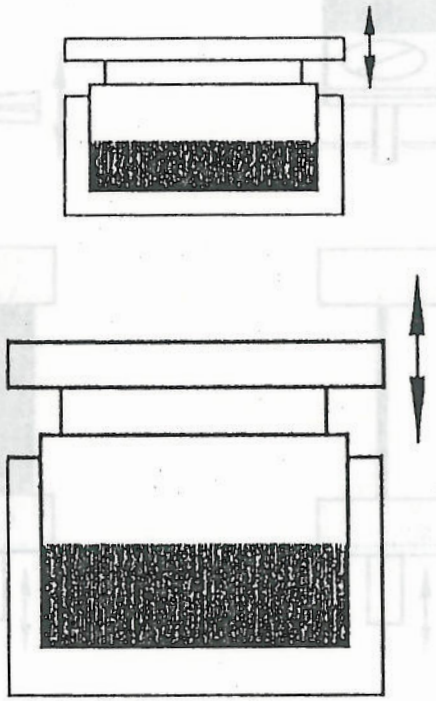
- Single and dual cantilever
- High and low modulus clamps
- Used for materials which soften and require support
- Modulus range:
  - Dual Cantilever 10^4 to 10^9 Pa
  - Single Cantilever 10^4 to 10^6 Pa

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Extension Measuring System



- Stainless steel & quartz
- Many different clamp types
- For film, fiber, hair, etc in modulus range:
  - Film 10^3 to 10^{10} Pa
  - Fiber 10^3 to 10^{12} Pa
- Samples can be loaded externally
- Can be customized

DMA 7e
Dilatometer Accessories



- Quartz
- Two different sizes available:
  - Small (0.1cc volume)
  - Large (1.0cc volume)
- Used to measure volumetric expansion / contraction
- Many sample types can be used (i.e. liquid, solid, etc)

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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We buy equipment

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