



BRITTLEPOINT TESTER BPT 2100

Benz BPT 2100 Brittlepoint Tester offers accurate temperature control, multi-part testing and PC-compatibility.

The Benz Brittlepoint Tester identifies the crystallization point of rubber, plastics and other compounds within 0.5°C. It meets ASTM D746, ASTM D2137, ISO, DIN, BS, JIS and other US and international standards to -75°C.

The BPT 2100 tests the exact temperature at which rubber, plastic and other compounds become brittle. It is used for such diverse products as windshield wiper blades, hoses, belts, tires, coated fabrics, roofing membrane, aquatic pit liners and other outdoor materials. It can simultaneously run as many as 10 material samples, indicating at what temperature an impact of specified force will destroy them.

The Benz Brittlepoint Tester is commonly used by companies manufacturing or testing chemical compounds, OEM's, technical service centers and others concerned with product safety and durability under difficult environmental conditions.

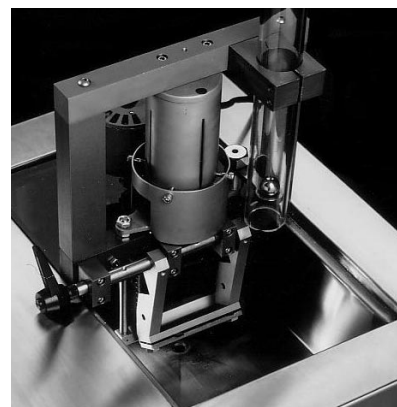
The BPT 2100 offers two options that insure strict quality assurance. Liquid nitrogen maintains temperatures within 0.5°C in the cooling tank for extended periods of time. An alarmed timer helps avoid premature testing – testing that takes place when the cooling tank has reached a given temperature but the samples being tested have not yet reached that temperature.

The tester also offers a unique option for companies that want to document testing results. Using Windows-compatible Benzwin 2000 software, the BPT 2100 can be tied into a PC, recording a timeline of impact energy and temperature. The timeline chart can be printed, producing recorded documentation of testing results.

Made of stainless steel, anodized aluminum and two-part urethane painted steel, the Benz BPT 2100 is durable, safe and attractive. Switches are vibration-resistant.

Compact, it requires only two foot square (0.1858m²) of counter space. Its calibration tube stands three feet (0.91m) tall. It comes complete with test fixture, temperature chamber and calibration tube. Options include the LN2 control, Sample Cutting Die, Torque Wrench and Sample Guide fixture.

The Benz BPT 2100 operates on 110 or 220 volt, 15 amp AC power.



Other Benz Testing Instruments

- Tensile Testers • Bond Testers • Abrasion Testers • Falling Weight Impact Testers
- Block Ovens • DeMattia Flex Testers • Plastometers • Glassware • Melt Flow Indexes
- Viscometers • ODR Rheometers • Specific Gravity Testers • Durometers
- Molds and Dies • Grips and Fixtures • Clicker Presses • TR Testers

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Benz Materials Testing Instruments is a trade name for Edwin H. Benz Co., Inc.