



Texture Analyser for Food Testing



- Features**
- **Range:** Up to 100 Kg
 - **Choice of Models:** 5Kg, 20 Kg, 50 Kg, 100Kg
 - **Operating Test Modes:** Tensile/Compression, Peel, Flexure, Shear, Puncture, Bend
 - **Applications:** Food, Packing, Pharma & Cosmetics
 - **Accessories:**
 - Chip Fixture
 - Cone Probes
 - Compression
 - Ball Probes
 - Sled Fixtures
 - Peel Fixtures
 - Forward & Back Extrusion rigs
 - Cylinder Probes
 - Plates Knife Blades
 - Kramer Shear Cell
 - Self Tightening Grips
 - Three Point Bend Jig

KTT-XXX-C up to 1 KN Capacity

Computerized Uni-axial Compression Testers



- Features**
- **Applications:**
 - **Road Testing:**
 - California Bearing Ratio (CBR) test
 - Marshall Stability Test
 - Unconfined Compression test
 - **Soil and Concrete Testing:**
 - Quick Triaxial Test
 - Flexural Strength of Soil Cement Specifications
 - Punching Test on Clay Block
 - Rock and Building Stone Testing
 - Concrete Mortar, Tiles Testing
 - Asphalt Bituminous Material Testing

KUCT-XXX-C up to 200 KN Capacity

Manual Spring Tester

- Features:**
- **Operation:** Manual
 - **Range:** up to 50 kg
 - **Mounting:** Table Mounted
 - **Test Parameters:** Force, Deflection
 - **Test capability:** Tension, Compression, Spring Rate



MST-XXX up to 500 N

Kalpak Force Push Pull Gauges



KFG-01



KFG-02

- **Capacity:** up to 50kg
- **Options:** Hand held, Stand Mounted, Motorized
- **PC Compatibility:** Available as an option
- **Accessories:** Customized Test Fixtures For tensile/compression testing
- **Typical Applications:**
 - Auto and Auto Electrical Components/Assemblies
 - Electrical/Electronic Components/Assemblies
 - Medical Products/Assemblies
 - Mechanical Products/Assemblies

Kalpak Special Purpose Testing Systems

Our multi disciplinary capabilities enable us to understand customer's requirement in totality and offer them customized solutions to their testing problems as well as upgrading their test capabilities by offering features such as automated testing, data acquisition and analysis. We offer both Micro controller based as well as PC based Data acquisition and analysis systems.



VOC / Formaldehyde Release test Chamber

Endurance Test Machine for Fan/ Blower

Gear Shifter Assembly Endurance test Rig

Jounce & Squirm Test System for Automobile Seats

Custom Turnkey Leak Test System

Other Applications covered :

Leak testing applications

- PC Based Automatic Test & Data Acquisition System for Steering Gears
- Welding Torch leakage test Set up
- PC Based Vane Pump Test Rig
- Common Leakage test Rig for Cooling & intake Pipe (Hot water based)
- Automated Leakage test Rig for PTO & FWE casting
- Automated Leakage test Rig Rear & Intermediate Housing casting
- Automated Leakage tester for TEV Body Casting
- SPM for Leak Testing for Air-cooled & Water cooled Cylinder Head and Water cooled Cylinder Barrel
- Leak Testing System for Body Leak Testing of Crank Case
- Leakage test System for Bulb Connector
- Piston Valve Clearance Test Rig

Other Applications :

- Friction Measurement Set up with PC interface & PC software
- Torch Switch test set up with PC interface & PC software.

Force/ Torque/ Displacement Testing applications :

- Clutch Plate Torque Test Rig
- Clutch Plate Drag Test Rig
- Clutch Cover Clamp Load/ Release Test Rig
- Acceptance Test Rig for Mann Clutch Cover Assembly
- JASO Test Rig for Command and Control Cables
- Bendix Gear Test Rig
- Muscle Strength Comparator
- Egg Shell Strength Tester
- Food Texture Strength Tester

Endurance/ Performance test Rigs :

- ACG/ Magneto Performance Test Rig
- ACG & Alternator testing Rig
- Refrigerator Bulb Endurance test Rig
- Automobile Horn Endurance test Rig
- Winker Relay Endurance test Rig
- Switch Endurance Test Rig
- Torsional Vibration Endurance Test



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