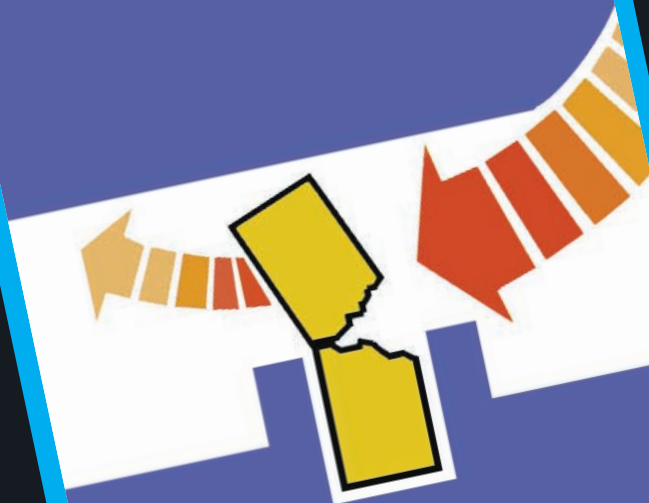


RESIL IMPACTOR JUNIOR



DESIGN AND PRODUCTION OF
INSTRUMENTS AND APPARATUS
FOR QUALITY CONTROL
ON MATERIALS



These instruments are made in
compliance with CE health and
safety requirements



Resil Impactor Junior - code 6963.000



Frontal panel

The RESIL IMPACTOR JUNIOR, with an energy range from 1 Joule up to 25 Joule, is an ideal instrument for quality control and research. Designed as an economic "stand-alone" pendulum, it has become the "work-horse" of the Resil Family due to its simplicity and reliability. RESIL IMPACTOR JUNIOR can also be connected to a separate PC using the optional "WinPEN" statistical software, in Windows 95, 98, 2000 and NT environments, becoming a powerful instrument for testing materials.

STANDARDS

RESIL IMPACTOR JUNIOR is designed and built according to international standards: ISO 179, ISO 180, ISO 8256, ISO/DIS 7628-2, ASTM D 256, ASTM D 4812, ASTM D 6110, BSI 2782-350, BSI 2782-359, BSI 7413, NF T 51-111 and other equivalent.

OUTSTANDING FEATURES

- The digital display shows total energy absorbed during impact, measured by an encoder at low friction
- Windage and friction loss can be read on the display performing a free swing of the hammer.
- Double scale energy switch and dial (Joule) allows the user to select the scale of the digital read-out depending on the potential energy of the hammer used.
Energy selection: 1 - 2 - 2.75 - 4 - 5.5 - 7.5 - 11 - 15 - 22 - 25 Joule. British Unit (BU) scale on request.
- A wide range of interchangeable vices allows tests in IZOD, CHARPY and TENSILE IMPACT modes. Sturdy raised vices used with shorter hammers produce different impact velocities as specified by international standards.
- Full selection of non-instrumented hammers is available for different energies, impact velocities (2.9, 3.46 and 3.7 m/s) and impact modes.

ACCESSORIES

See Resil Family leaflet.

ANCILLARY EQUIPMENT

- **Cryobox - code 6956.016**, a variable temperature test chamber which allows conditioning with nitrogen not only of specimens, but also of Charpy and Izod vices, with a working range -50 up to 20°C
- **Cryomatic - code 7250.000**, a conditioning chamber for specimens with temperature range -70° up to 100°C
- Resil Impactor Junior offers also the possibility to carry out Charpy tests on **small pipes**, with outside diameter from to 4 to 20 mm, according to ISO/DIS 7628-2. The necessary equipment (optional) is made up of Charpy hammer, vice and special adapter for housing pipes.

Technical Characteristics

Energy range [J]	1÷25
Overall dimensions (LxDxH) [mm]	900 x 500 x 800
Weight [kg]	180
Supply	230 V - 50 Hz - Singlephase (110 V - 60 Hz on request)
Power [W]	50
Paint	fuchsia RAL 4006 - gray RAL 7035

"Due to the continuous development policy of CEAST's Research and Development Department, changes may be introduced without notice"



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