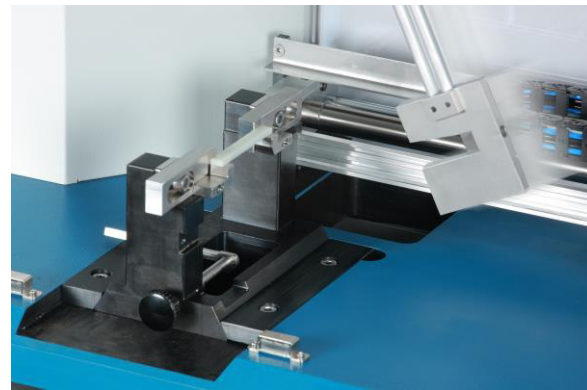




40-800 Pendulum Impact Tester

Standards

ISO 179, ISO 180, ISO 8259-A, ASTM D 6110, ASTM D 256, ASTM D 4812, DIN 53435



Application

Pendulum impact resistance tester for testing plastics.

Features

The Coesfeld Pendulum Impact Tester, PIT covers the full spectrum of plastic impact testing, e.g. Charpy, Izod, Tensile and Dynstat according to ISO and ASTM standards. Optional the system can be fully automated with motorized pendulum return and automated sample feeding system.

Our Pendulum Impact Tester works fully digital and is controlled from PC. Via Coesfeld WIN-Software measurements can be easily configured, conducted and evaluated. Simultaneously the course of measurement can be observed and controlled via optional touch panel.

Impact energy is immediately displayed and stored after each test. Results can be viewed and printed in predefined report format. Typical for Coesfeld systems raw data can be exported for further digital data processing.

Technical Data

Potential Energy	0.2 to 50 Joule
Automatic Drop Release	included
Automatic Brake	included
Speed Measurement at Impact	included
PC Data Evaluation and Software	included
Automatic Pendulum Detection	optional
Automatic Sample Feeding	optional
Motorized Pendulum Return	optional
Touch Panel	optional



Dimensions and Connection

Dimensions (DxWxH)	apprx. 431 x 1070 x 1078 mm
Weight	apprx. 300 kg
Mains	230 V / 50 Hz
Power	2,000 VA
Interfaces	Ethernet.

Partlist

Part	Description
PIT 1	Pendulum Impact Tester – 50 J
PIT 2	Pendulum Impact Tester – 50 J with Automatic Pendulum Reset
PIT 3	Touch Panel
PIT 4	Pendulum Detection
PIT 5	Sample Width Gauge
PIT 6	Full Safety Housing
PIT 7	Massive Steel Table
PIT 8	Coesfeld PC incl. WIN-PIT
PIT-CHA 1	Auto Sample Feeder – Charpy
PIT-CHA 2	Charpy Bock including centering tool
PIT-CHA 3	Charpy Centering Side
PIT-CHA 4-5	Charpy Abutments acc. to ISO 179 / ASTM D 6110
PIT-CHA 6-13	Charpy Supports acc. to ISO 179 / ASTM D 6110
PIT-CHA 14-18	Charpy Distance Inserts acc. to ISO 179 / ASTM D 6110
PIT-CHA 19-33	Charpy Pendulums 0.5 to 50 J, acc. to ISO 179 / ASTM D 6110
PIT-CHA 34-36	Gauge Plates acc. to ISO 179 / ASTM D 6110 / DIN 13802
PIT-IZO 1	Auto Sample Feeder – IZOD
PIT-IZO 2	Sample Drawer
PIT-IZO 3	IZOD Bock
PIT-IZO 4	IZOD Bock Pneumatic
PIT-IZO 5-9	IZOD Width Inserts acc. to ISO 180 / ASTM D 256 / ASTM D 4812
PIT-IZO 10-15	IZOD Pendulums 1 to 44 J, acc. to ISO 180 / ASTM D 256 / ASTM D 4812
PIT-TEN 1	Tensile Bock for 2 and 4 J
PIT-TEN 2	Tensile Bock from 7.5 J
PIT-TEN 3	Sample Clamping Bock incl. Sample Patterns ISO 8256, Type 1-4
PIT-TEN 4-7	Yokes 15 to 120 g, acc. to ISO 8256
PIT-TEN 8-13	Tensile Impact 2 to 50 J, acc. to ISO 8256-A