



K 2007

International Trade Fair
No. 1 for Plastics
and Rubber Worldwide

**TURNING VISION
INTO BUSINESS**

Düsseldorf
24 - 31 October 2007

THE LATEST IN TEST EQUIPMENT ...

... YOU WILL FIND IT AT IPT'S BOOTH!

We would be pleased to greet our customers and all those who are interested in test equipment for the plastics industry at the important upcoming event.

On 24th October this year the world's No. 1 Exhibition for plastics will open its doors to an expected 250,000 visitors from more than 100 countries.

IPT, as the world's leading company for the development and supply of test equipment for the plastic pipe and fitting industry, would like to give a preview of the latest innovations in our field of activity.

In brief, the highlights of our exhibits on our booth **J19 in Hall 10** will be:

New Cone Test Unit

Used for determining the Slow Crack Growth (SCG) on polyethylene pipes with a wall thickness of up to 5 mm, according to ISO 13480. This motor-driven unit guarantees a simple and user-friendly sample preparation.

New Notching Machine

According to ISO 13479, pipes are notched and then subjected to a hydrostatic pressure test. With IPT's Notching Machine polyethylene pipe samples are prepared with high precision in a microprocessor-controlled machining procedure. The clear touch-screen controller enables simple operation.

New MFR / MVR Test Unit

Our unit for determination of the Melt Flow Rate (MFR) and Melt Volume Rate (MVR) have been redesigned and will be presented in a completely new appearance.

New Pipe Pressure Tester

This completely new development in the field of hydrostatic pressure-testing Equipment is the first step into a new era in control technology.

The modular design ensures high flexibility in the configuration of the units. A mobile, shock-proof and water resistant operator terminal offers a new dimension in user-friendliness.

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New RCP-S4 Test Unit

Designed for pipe diameters up to 500 mm, to determine the critical temperature and the critical pressure for Rapid Crack Propagation according to ISO 13 477.

New Ring Stiffness Tester

Capable of compression loads up to 60 kN and designed to determine the Ring Stiffness, Ring Flexibility and creep behavior of thermo-plastic pipes with an outer diameter of up to 1600 mm.

New Temperature Cycling Unit

Plastic pipe systems for hot and cold water and heating installations are subjected to a stringent temperature-cycling test. The latest generation of this equipment produces the required pressure by means of multi-stage pumps and enables an extremely compact design.

New Test Bar Milling Machine

A newly-designed machine with special emphasis on robustness. This CNC-controlled unit offers numerous milling programs to cover most currently-used tensile and impact test shapes according to the various standards. A material thickness of up to 70 mm can be handled comfortably.

New Pipe End Caps

A new series of large-diameter end caps up to 1200 mm, manufactured completely in high-quality stainless steel.

New Hot Air Oven

IPT's Hot Air Ovens have been redesigned, with special consideration to the requirements of pressure testing. The extractable sample rails can be fitted with a variety of manifold and pressure connection systems.

New Oxidative Resistance to Hot Chlorinated Water

In cooperation with SKZ, Würzburg, IPT is involved in the development of equipment for research on the effects of chlorine to materials used in the pipe industry. There has been world-wide interest in this project and, of course, our booth staff will be able to give an update on the present status.

IPT's exhibition team is looking forward to welcoming you at the K2007. If you have special questions or you would like to arrange an appointment, please call +49 8237 966 400 or simply send us an E-mail to iptSales@iptnet.org.

Yours sincerely,

Rainer Erdhofer / Sales Manager

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