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UTM-1411 Ring Stiffness Tester





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Inner diameter measurement system

MODEL NO.

UTM-1411

Application:

UTM-1411 Ring Stiffness Tester is applied to determine thermoplastic pipe ring stiffness which with a circular cross section. And it can also be applied to flat experiment, ring flexibility experiment, etc. The instrument meets the requirement of test standards for PE double-wall corrugated pipe, coil pipe and all kinds of plastic.

It is a necessary testing instrument for the scientific research institutes, quality inspection departments and tubing manufacturers.

Related Standards:

STANDARDS	ISO 9969	EN ISO 9967	BS EN 1979	ASTM D2122	GB/T9647
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Note: this tester can conform to but not limit to all the standards above, for more standards conformance, please contact us.

Features:



- With overload, over-current, over-voltage and over temperature protection function, and is equipped with pipe inner diameter measurement system, can accurately measuring inner diameter changes of the pipes;
- PC software control machine, the operation is simple. the transmission system with distributed control system composed of PC and single chip microcomputer control digital ac servo motor, to control the beam move up and down according to standard requirements speed , pressure on the pipe sample by sample clamp.
- Force value detection part adopts piecewise linear correction method ensures the machine of high precision, high stability;
- The software provide function: test parameter set, the standard input, measurement, data analysis, experiment curve color Set, process control, print test reports, test reports export to HTML web pages, and other functions.
- In process of test, you can open multiple test records and can do all operations.
- The software provide: force - displacement, stress - strain, stress - displacement, displacement - time strain- time and etc. type curve, and provides a curve archived bitmap, curve smoothing, zoom, coordinate system configuration, and many other functions.
- Free to add or remove regular parameters. Using the latest agreement, data fault-tolerant ability is stronger.
- Software provides online update, convenient to upgrade your software system, and provide a feedback module, help you solve your problems.
- This ring stiffness testing machine has passed the European CE product certification.

Standard configuration:

No.	Item	Quantity
1	Main Machine	1 set
2	Planetary reducer	1set
3	Import Ac servo motor and servo system	1 set
4	Import load cell	1 pcs



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5	Clamp for ring stiffness/flexibility	1 set
6	Inner diameter measuring system	1 set
7	Computer	1 pcs
8	software	1 set
9	printer	1 pcs
10	wireless remote-control unit	1 pcs
11	power cord	1 pcs