



HYDRAULIC AUTOBURST

Product Information

To determine the bursting strength and distension at burst of woven, knitted and non-woven fabrics, paper and carton boards by application of hydraulic pressure under a rubber diaphragm, thus to transfer the pressure to the test specimen. RF306Bplus is floor-type mode which is equipped with high precision pressure sensor, non-contact displacement measurement sensor, measuring the instant pressure and distension at the time of burst. High quality transparent acrylic bells, combined with LED light source, full examination of a sample of bursting. Different sizes of bell kits are optional. The RF306B Plus is smart designed to cover all the test methods you can imagine. This design does not only fulfill the requirement of existing test standards, but also open the imagination space for the fabric designers.

Four test modes are included

Automatic
Bursting
Mode

Fixed
Flow Rate
Bursting
Mode

Target
Distension
Bursting
Mode

Target
Pressure
Cyclic
Mode

Target Pressure Cyclic Mode

Specimen can be inflated (IP) and deflated (DOWN) by number of cycles, inflation flow rate can be controlled and UP hold time can be set as desired. So as to determine the extension and bursting of the specimens.

Test Scope

Testing the knitted, woven and non-woven fabric, paper and card-board in the bursting of the largest height and bursting pressure values.

Testing Standards

ATM
D3786-06
ISO 3303-B

BS 3424-6-B
ERT 80-4.02

ISO 13938-1
GB/T 7742.1

Order information

RF306Bplus Hydraulic Autoburst

RF 306Bplus /1 Diaphragms (pack of 10pcs)

RF306Bplus /2 Bell and clamping ring set: Diameter: 30mm

RF306Bplus /3 Bell and clamping ring set: Diameter: 30.5mm

RF306Bplus /4 Bell and clamping ring set: Diameter: 31.5mm

RF306Bplus /5 Bell and clamping ring set: Diameter: 35.7mm

RF306Bplus /6 Bell and clamping ring set: Diameter: 79.8mm

RF306Bplus /7 Bell and clamping ring set: Diameter: 112.8mm

RF306Bplus /8 Bell and clamping ring set: Diameter: 31.0mm

RF306B plus



Specification:

The Maximum pressure capacity	6000kPa (800PSI)
Max. distension	70mm
Test Bells	Diameter: 30mm, Diameter: 30.5mm, 31mm, Diameter: 31.5mm, Diameter: 35.7mm, Diameter: 79.8mm
Test Bell control	Two button control of touch screen control
Preset number of test samples	
Automatic recognition for the bell size and diaphragm ring	
Test results are saved automatically, historical data recalls	
One-key-press to transfer stored test data to PC for storage	
Integrated PC software can monitor test data online	
Test units	mm, cm & inch
Safety operation	Acrylic shelf protection
Diaphragm auto reset	
Different test modes	automatic test mode, fixed flow rate test mode, target distension bursting mode and target pressure cyclic extension test
Touch screen data can be saved to PC	
Touch screen data can be saved to PC	
Touch screen can save up to 10 batch of test result	
PC software for online printing	
PC software for saving report to Computer	
Measuring units exchangeable, more convenient for calculation	
Test bell pneumatic control, easy and firmly clamps, easy retraction	

Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!



HYDRAULIC AUTOBURST

Product Information

To determine the bursting strength and distension at burst of woven, knitted and non-woven fabric, paper and carton boards by application of hydraulic pressure under a rubber diaphragm, thus to transfer the pressure to the test specimen. RF306B is a table-top mode, which is equipped with high precision pressure sensor, non contact displacement measurement sensor, measuring the instant pressure and distension at the time of burst. High quality transparent acrylic bells, combined with LED light source, full examination of a sample of bursting. Different sizes of bell kits are optional. The RF306B is smart designed to cover all the test methods you can imagine. This design does not only fulfill the requirement of existing test standards, but also open the imagination space for the fabric designers.

Four test modes are included

Automatic
Bursting
Mode

Fixed
Flow Rate
Bursting
Mode

Target
Distension
Bursting
Mode

Target
Pressure
Cyclic
Mode



RF306B

Specification:

The Maximum pressure capacity	600kPa (800PSI)
Max. Distension	70mm
Four Test Modes	
Test Bells	Diameter:30mm, Diameter:30.5mm, Diameter:31.5mm, Diameter: 35.7mm, Diameter: 79.8mm, Diameter: 112.8mm
Test Bell Control	Two button control or Touch screen control
Present number of test samples	
Automatic recognition for the bell size and diaphragm ring	
Test results are saved automatically, historical data recalls	
One-key-press to transfer stored test data to PC for storage	
Integrated PC software can monitor test data online	
Test units	mm, cm & inch
Safety operation	Acrylic shelf protection
Diaphragm Auto Reset	
Different Test Modes	Automatic test mode, manual test mode and cyclic extension test
Touch screen Control	
Touch screen data can be saved to PC	
PC software for online printing	
PC Software for saving report to Computer	
Measuring units exchangeable, more convenient for calculation	
Test bell pneumatic control, easy and firmly clamps, easy retraction	

Test Scope

Testing the knitted, woven and non-woven fabric, paper and card-board in the bursting of the largest height and bursting pressure value.

Testing Standards

ATM D3786-06
ISO 3303-B

BS 3424-6-B
ERT 80-4.02

ISO 13938-1
GB/T 7742.1

Order Information

RF306B Hydraulic Autoburst

RF306B/1 Diaphragms (pack of 10pcs)

RF306B/2 Bell and clamping ring set: Diameter: 30mm

RF306B/3 Bell and clamping ring set: Diameter: 30.5mm

RF306B/4 Bell and clamping ring set: Diameter: 31.5mm

RF306B/5 Bell and clamping ring set: Diameter: 35.7mm

RF306B/6 Bell and clamping ring set: Diameter: 79.8mm

RF306B/7 Bell and clamping ring set: Diameter: 112.8mm

RF306B/8 Bell and clamping ring set: Diameter: 31mm

Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!