

## Gradient Heat Seal Tester – QT-GHS

ASTM F2029, QB/T 2358, YBB 00122003

[www.WorldofTest.com/gradient-heat-seal-tester-qt-ghs](http://www.WorldofTest.com/gradient-heat-seal-tester-qt-ghs)

Gradient Heat Seal Tester is professionally designed for the precise measurement of five groups of sealing temperature, time and pressure. Gradient Heat Seal Tester is for the determination of the heatsealability of a surface, or sealant layer of films, laminates, composites and polymers etc. How well the material heatseals is expressed quantitatively as seal strength as a function of the sealing conditions of temperature, time and pressure. It conforms to standards of ASTM F2029, QB/T 2358 and YBB 00122003.

### Features:

- Five groups sealing temperature can be measured with one test
- Proximity and pressure sensor for precise dwell time and sealing pressure control
- P.I.D. for precise sealing temperature control
- Uniform heating by aluminum encapsulated sealing jaws and no inhomogeneous heating
- Independent heating of upper and lower sealing jaws
- Sealing jaw customization available in term of dimension, shape and surface



### Technical Specifications:

Sealing Temperature	Room temperature ~ 300°C
Temperature Deviation	±0.2°C
Dwell Time	0.1s~990H
Sealing Pressure	0.15 MPa ~ 0.7MPa
Sealing Jaws	40mm x 10mm x 5 (Sealing Surface) (Customization Available)
Gas Pressure	0.7MPa of Air
Instrument Size	455 mm (L) x 320 mm (W) x 440 mm (H)