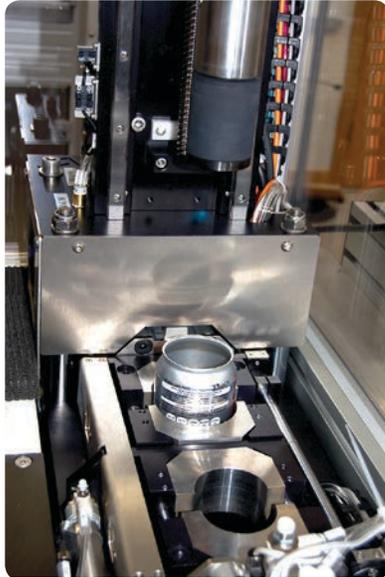




Buckle Gauge Master Series

AUTOMATIC MEASUREMENT OF THE PRESSURE REQUIRED TO REVERSE THE DOME



A buckle gauge precisely measures the pressure at which the dome will reverse ("pop") on necked or un-necked DWI beverage cans.

FLEXIBLE CONFIGURATION — Test characteristics for different can types are easily set up and associated with user selected production lines. Procedures can be set up to include upper and lower failure limits and the measurement results set in psi, bar, kPa.

Short cycle time, precise performance

BENEFITS

Measures two can diameters without changeover
Can height growth - option
Can be integrated with other Master Series modules
Measurements and failure limits can be set in psi, bar, kPa



BENEFITS OF MASTER SERIES AUTO GAUGES

Fully automatic, operator free measurement
Sampling on time or production basis
Fully self-checking
Data available on screen and exchanged via local area network
Multi lane capability (optional)
Easily updated and reconfigured at any time
Future proofed for changing requirements

CAN HEIGHT GROWTH ('DOME GROWTH') — An optional module can be specified which reports the can height growth (sometimes known as "dome growth") for up to five user defined pressure profiles and hold times.

TWO CAN DIAMETERS WITHOUT CHANGE PARTS — The Sencon gauge is able to measure two different can diameters automatically and without change parts. This is achieved by switching the body clamp jaws automatically. If another can diameter is required, the jaws are easily changed without tools.

CAN HEIGHT GROWTH MODULE (OPTIONAL)

Can height growth resolution	0.001 mm
User definable pressure stages per test	5

SPECIFICATIONS

Maximum pressure	127 psi (Internal Air Amplifier)
Maximum batch size	255 cans (auto fed), 24 cans (manual fed)
Test types	Manual, Auto sample, or Recheck
Can material	Steel or aluminum
NOTE: cans for testing must be clean and dry	

CAN SIZE OPTIONS

	Standard gauge	Large can variant (SPECIAL ORDER)	Super size can variant (SPECIAL ORDER)
Can body Ø	Any two diameters from 202 to 211 with snap in inserts	300 PLEASE CONTACT SENCON TO DISCUSS	307 single size To accommodate a full batch of cans a multilane conveyor is advisable. PLEASE CONTACT SENCON TO DISCUSS
Min. can neck Ø	200	206	209
Can height automatic adjustment	88 mm to 200 mm if dome growth option not fitted 100 mm to 200 mm if dome growth option fitted	88 mm to 210 mm	88 mm to 210 mm

Due to continual development, product details may change. Please consult Sencon directly for the latest specifications.

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