

Axial Load / Panel Tester

PAX-3000- Axial Load and Panel Strength in one compact unit

The PAX-Series is a combination unit for the safe and accurate testing of axial load and implosion (paneling) for 3-piece cans up to a maximum load of 10000N.



Panel Implosion Testing:

The operator-independent Panel Test is started with the touch of a button. The pressurized chamber is held securely closed while pressure is increased within using CMC-KUHNKE's Quick-Fill™ Technology. The maximum pressure at which the container panel fails (implosion) is displayed on the touch-screen; results can then be printed or transferred directly into Visionary QC™ or other data acquisition software.

Axial Load Testing:

The easy to use Axial Load Tester measures the maximum axial load capacity of food cans of multiple heights and diameters without the need for inserts or adapters. To perform this test, one can is placed on a table and slowly raised against the upper pressure plate. Once the maximum force has been reached, the axial load value is recorded, optionally sent to a computer database, and can be read on the display.

The user may easily switch between both test types at the touch of a button. All measured values may be stored, deleted, printed, or transferred into Visionary QC or other data acquisition software. An integrated microprocessor allows the gauge to be PC-independent, eliminating any potential downtime due to computer related issues.

Features

- Automatic testing process - eliminates operator error
- Multiple Safety Features - The control system will not start the panel test until the door latch is securely closed, and the design prevents the door from being opened while the can tester is under pressure
- Rugged construction designed to withstand rigorous environments
- Windows on the sides of the pressure chamber allow the operator to see the implosion process

Technical Details

Size:	Standard: up to 603 (ø153 mm); height 11 in (280mm)
Resolution:	Pressure: 0,01bar (0,15psi) Force: 1,0 N
Operating parameters:	Pressure: max.3bar (43,5psi) Force: 10.000 N
Repeatability:	Force: 1N
Pressure:	0,1bar (1,45psi)
Dimensions (L x W x H):	24 in (607 mm) x 28 in (708 mm) x 35 in (887 mm)

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Net weight:	154.32 lbs. (70,5 kg)
El. power required:	100-240VAC 50-60Hz
Power consumption:	< 100W
Output interface:	RS 232 (300...38400 Baud configurable), USB 2.0
Air pressure required:	min. 5bar (72,5psi)
No.:	044 350:00

Accessories:

Visionary-Pro Software	SC-V4-PRO	No. S10-00001
Visionary- light Software	SC-V4L	No. S10-00002
USB- cable- 10 ft. (3m)	250021	No. K50-00037
PC incl. Monitor, Keyboard, Mouse and Windows	DESKTOP PC	No. K50-00354
IEC power cable- 6.5 ft. (2m) EU	K20-00308	No. K20-00308
IEC power cable- 6 ft. (1,8m) USA-Japan	CMC-0400008	No. K20-00547
IEC power cable- 6 ft. (1,8m) UK	K20-00647	No. K20-00647