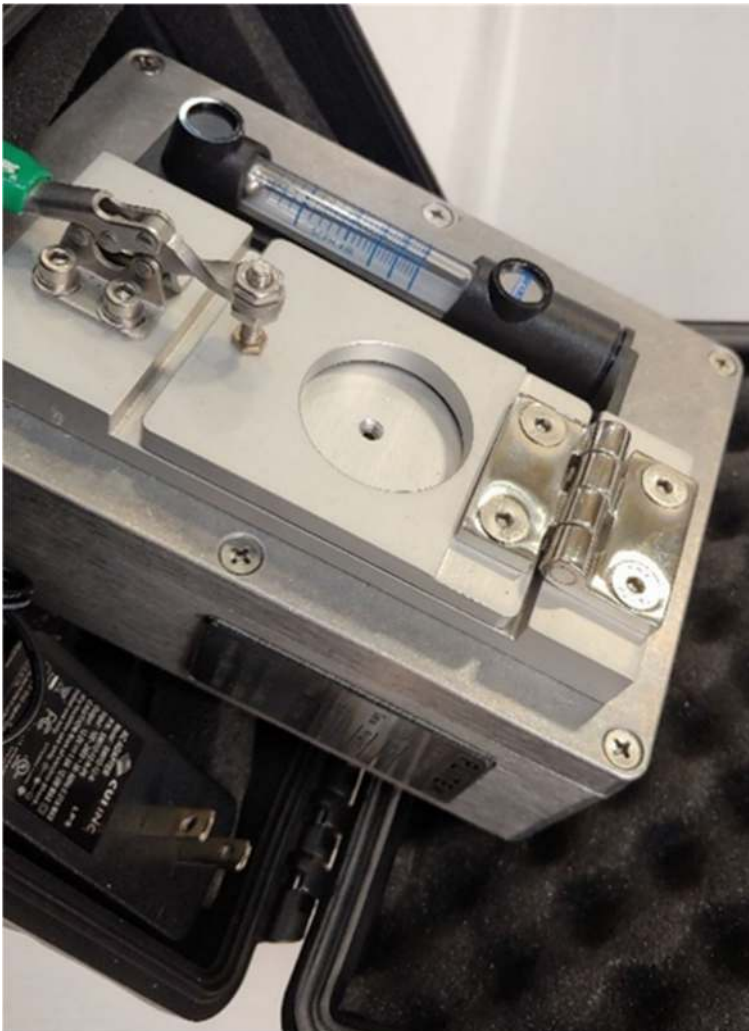


PLI-VALV[®]

PACKAGE DEGASSING SYSTEM

PVT-51 Flow Tester

The PVT-51 Flow Tester is a quick check test device to confirm whether there is sufficient air flow for the degassing/air evacuation process to be successful. Insufficient flow rates can compromise the effectiveness of the degassing valve, leading to bloated bags and potentially the distortion or rupture of secondary packaging (such as corrugated boxes). The results indicated on the gauge are only intended to be used as “greater than” or “less than” indicators, similar to a go/no-go gauge. For closer analysis of PLI-VALV[®] function, a PVT-300 is recommended.



Key Features

- ▶ Compact
- ▶ Physical measurement of air flow
- ▶ Simple mounting of sample film
- ▶ Durable padded carrying case

Use Case

- ▶ The PVT-51 is handy to spot check PLI-VALV[®] valves
- ▶ Verification of proper hole punch
- ▶ Verification of valve air flow

Specifications

Dimensions (W x H x D)	5" x 17.1" x 3" (12.7 cm x 20.6 cm x 7.6 cm)
Test Sample Width Min.	2"
Test Sample Width Max.	3.25"
Electrical Requirements	12V DC/1A (120 VAC/ 60 Hz Adapter)

PLITEK[®]

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PLI-VALV[®]

PACKAGE DEGASSING SYSTEM



Plug In

Unit is plugged in using the included 120V 60Hz adapter



Turn On

Unit must be upright while it is being used



Mount Sample

Film must cover entire inside of O-ring. Close clamp to fully secure the film



Zero Flow

Air flow is temporarily reduced to zero by covering the outlet on the film



Read New Flow

After flow is zeroed, the air flow is uncovered. New flow level will be recorded from position of center of the ball



Change Sample

To check each part of the process, three types of samples are tested; Film only, film with punched hole, and punched hole with valve

Sample Type	No Film	Film only	Film with punched hole	Punched hole with valve
Acceptable SCFH (Standard Cubic Feet per Hour) Range	Greater than 2.5 (>2.5)	0	At Least 1.5	At Least 1

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