

Seal Strength Tester

S10 Series

This is instrument designed to test :

1. Seal Strength of Heat Seal Joints of Pouches

Can also be used with restricted functionality to test :

1. Lamination Peel Strength
2. Tensile Strength (Breaking Load)
3. Elongation @ Breaking Load

Technical Specifications :

- Digital Model with Backlit LCD Display
- Capture test data on to the PC directly through the software and generate PDF test & calibration reports.
- Fixed Testing Fixtures (Tensile Grips).
- Peak hold facility for maximum load and deflection
- **Auto-Calibration facility for user-friendly calibration.**
- Choice of Measurement units : Kgf / gf / Lbf / N (User settable from Menu)
- Actuator Length : 350mm (Usable Stroke : 200mm)

Capacity :	10	Kgf	(~ 100 N)	
Working Range :	0.5 - 10	Kgf	(~ 5 – 100 N)	
Least count :	0.001	Kgf	(0.01 N)	
Accuracy :	0.020	Kgf	(0.20 N)	(0.2% of Capacity)

Included with all models / SKUs :

- 1) Basic Machine with Fixed Tensile Grips.
- 2) Calibration Weight with Hook.

DQ/IQ/OQ Documentation are supplied with certain models.

RS-232 Data Cable with USB-Serial Convertor are supplied with all models / SKUs.

Software Options :

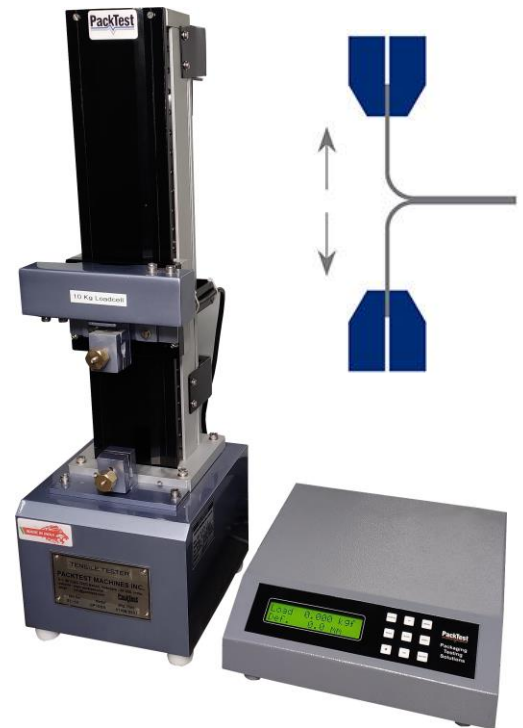
- 1) Regular Software (Not 21-CFR-11 Compliant)
- 2) 21-CFR-11 Compliant Software (*Vantage*).



Warranty : 12 Months (Ex-Factory)

Utilities Required :

1. Power Supply (Current : Max 5 Amps) :
 1. For India (Domestic Model) : 230 Volts A.C., 50 Hz. Clean power.
 2. For Outside India (Export Model) : As per your country's power rating.
2. Desktop / Laptop PC (Intel Core i3, 4gb RAM, Win10 OS, 1080p Monitor) or higher.



How to Order ?

Select the Equipment Part Code (SKU) and request for a quotation by sending an email to info@packtest.com

Region Options	Industry Options	-	Equipment – Series	-	Software Options
D	N		SST – S10		RS
E	P				CS

	Options	Description
Type	D	Domestic Model For Sale in India only. Warranty / Support valid only in India
	E	Export Model for Sale outside India only. Comes with a set of emergency spares. International Quality / Warranty / Support.


Industry	N	For Food / Beverage / FMCG Industry. Non-Pharma.
	P	For use in Pharmaceutical Industry. DQ/IQ/OQ documents are provided with machine.

Equipment - Series	SST – S10	Seal Strength Tester with 10 Kgf Capacity and 350mm Actuator Length.
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Software	RS	Regular software. (Not 21-CFR-11 compliant) RS-232 Data Cable with USB-Serial Convertor is provided.
	CS	21-CFR-11 compliant software. (<i>Vantage</i>). RS-232 Data Cable with USB-Serial Convertor is provided.

Write down the part code / SKU you need :

Region	Industry	-	Equipment - Series	-	Software
			SST-S10		

Sr No.	Feature	Regular Software (Not 21-CFR-11 Compliant)	Vantage Software (21-CFR-11 Compliant) 
1	User Login	No Login. Any user can access the software.	<p>Unlimited Users with individually configurable privileges</p> <p>Incorrect Logins are logged. If user enters 3 wrong passwords, user is SUSPENDED and cannot login again even with correct password. Event is logged as Critical. Only an admin (or user with appropriate privileges can Un-Suspend the suspended user.</p> <p>Auto - Logout after 15 mins of inactivity. (Timeout period can be defined)</p> <p>Auto - Shutdown (software) on inactivity. (Auto-Logout will also trigger Auto-Shutdown)</p>
2	User Rights / Privileges	Any user can : 1) Perform Test 2) Search Test 3) Calibrate Machine 4) Configure Software	<p>Software Admin or any user (with Modify user privileges) can create unlimited users with any of following privileges.</p> <ol style="list-style-type: none"> 1) Perform Test 2) Search Test 3) Calibrate Machine 4) View Audit Trail 5) Add / Edit / Delete users (User Management privilege) 6) Configure Software 7) Review and Approve Test / Calibration reports
3	User Levels	NA	<p>Unlimited Users with Unlimited variable privileges. User List (summary or detailed) can be printed.</p>
4	Software Configuration Options	1) Change Header	<ol style="list-style-type: none"> 1) Change Test Folder 2) Change Backup Folder 3) Set Auto Backup On/Off 4) Set Auto Backup Frequency 5) Set Password Expiry On/Off 6) Set Password Expiry Time (Days) 7) Change Header
5	User Password Expiry / Change	NA	<p>Upon user first login, user has to change password immediately.</p> <p>User can change his/her own password anytime.</p> <p>Users must change password after expiry date.</p> <p>Password expiry time can be defined in software config.</p>

6	Password Complexity	NA	<p>Password should be</p> <ol style="list-style-type: none"> 1) 8-20 characters long 2) Has to contain alphabets, numbers and &#%\$@. 3) Password should contain atleast 1 uppercase, 1 lower case and 1 special character 4) New password cannot be same as previous 3 passwords.
7	User Addition / Deletion	NA	<p>User can be added or deleted by Software Admin or anyone who has User Management privilege. User cannot delete himself. No one can delete the SUPER USER.</p>
8	User Suspension	NA	<p>User can be suspended/un-suspended by Software Admin or anyone who has User Management privilege. Suspended user cannot login to software. If he tries to login, a Critical Audit Trail entry will be passed.</p>
9	Data Storage	NA	<p>Data is stored in an internal database. PDF reports are generated as and when demanded.</p>
10	User Signature	User must type or select his / her name when the software starts.	<p>User's details captured from the login is posted on the report "analysis done by" section.</p>
11	Reviewer Signature	NA	<p>Reviewer can login with his credentials, review and approve Test and Calibration Data. Once approved, the report will carry his E-Sign.</p>
12	Backup Data	NA	<p>If Autobackup is ON, software will automatically backup all configuration files and test data as per frequency chosen in Software Configuration.</p> <p>Note : Backup Location has to be a local drive or a network location mapped as a Local Drive.</p>
13	Audit Trail Data	NA	<p>Software captures important events and logs them in the audit trail log. A PDF report can be generated as and when required. Critical Events will be flagged separately. Audit Trail Report can be pulled for a date range or user or event.</p>

14	Aborted Tests / Calibrations	NA	Aborted Tests and Calibrations are saved. These events are logged in Audit Trail as "Critical".
15	Ignore a Test Value	NA	<p>No test result can be avoided from being reported. But the user can mark a particular result as abnormal.</p> <p>Abnormal results are not considered in statistical calculations but will still be shown in report.</p> <p>User needs to justify the Abnormal values (if any) in the remarks section.</p> <p>A test report can have 10 normal samples + up to 5 abnormal samples.</p> <p>Only normal tests will be used for statistical calculations.</p>
16	Test / Calibration Report Format	Report Format is fixed in software. Not changeable by user.	
17	Report Header	Text Header with 3 lines of Text.	Image Header with Logo or Text Header with 3 lines of Text.
18	Other Features	NA	<p>Incorrect Shut Downs are logged in Audit Trail.</p> <p>Equipment ID is printed on all Test / Calibration / Audit Trail Reports</p> <p>Automatic Pre-Calibration Diagnostics of communication.</p> <p>Option of Pre-Analysis Diagnostics (10-15 seconds) to prevent communication errors.</p> <p>Enhanced data handling and communication with equipment.</p>

