Southern Folger
Detention Equipment Company

4634 S. Presa Street
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210-533-1231 Phone ● 210-533-2211 Fax

PRODUCT BULLETIN: 11-008
SUBJECT: TestPro Test Unit for Southern Steel and Folger Adam Locks and Devices
DATE: July 7, 2011

Notice to all TestPro Owners:

A new Lock Termination Lead/Adapter (TPA-009) is available for the Southern Folger TestPro test unit. This adapter tests Southern Steel 1050 Series Gate Locks and other locks without a Molex termination. The Spring Clamp Terminal Block will allow for easy connection from the lock wires to the TestPro Unit.

One TPA-009 Adapter and revised Adapter Reference Plate, which may be applied by owner to replace existing plate on the reverse side of the unit, are available at no charge by calling 210-533-1231. Additional adapters are available for $25 each.

SOUTHERN FOLGER DETENTION EQUIPMENT COMPANY
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UNIVERSAL TEST UNIT

SOUTHERN FOLGER TESTPRO

The Southern Folger TestPro test unit is a sturdy, portable unit for preventive maintenance checks. With easy-to-read indicator lights, this ergonomically designed test unit will operate all current models of Southern Steel and Folger Adam electric and pneumatic locks and locking devices. Controls are consolidated into a single set of switches for all lock functions.

Standard features include:

- Indication – Two sets of colored indication lights are included on each unit.
  - o Green Secure/Red Unsecure for DPS indication
  - o Green Secure/Red Unsecure for Auxiliary indication
- **Fuse Protection** – A 4-amp fuse is mounted on the front of the test unit for easy replacement. Spare fuse holder stores replacement fuse.
- Voltage Selector – A key-operated, multi-voltage selector switch allows operation of 24VDC and 120VAC units.
- Cycle Type Selector–A key-operated Cycle Type selector switch allows operation of Half Cycle and Full Cycle Devices.
- Three-position center-off control switch allows open/close type testing. The control switch is momentary contact, spring loaded to the center-off position.
- Case – Ergonomically designed steel case.
- **Power Connection** – all units are equipped with a 3-prong, industrial-rated 120VAC GFI power plug with integral test and reset controls.

Southern Folger

UNIVERSAL TEST UNIT

SOUTHERN FOLGER TESTPRO

TECHNICAL DATA

Part No:	76710852 Rev B.1
Indication:	Door - Green Secure/Red Unsecured Auxiliary - Green Secure/Red Unsecured
Controls:	Keyed Voltage and Cycle Selection
Supply Voltage:	Standard 120 VAC Plug
Weight:	6 lbs
Dimensions:	8 1/2" x 5 3/8" x 4
Case:	Fabricated Steel Enclosure

Lock Termination:

- Integrated Lock Lead - 12-pin connector to test most 24VDC and 120VAC Folger Adam locks and devices.
- 12 Pin to Alligator Clip Adaptor – test locks and devices without Molex terminations.
- 12 Pin to 6 Pin Adaptor – test most Southern Steel Locks
- 12 Pin to 6 Pin Adaptor – test most Southern Steel Sliders
- 12 Pin to 12 Pin Adaptor – test Southern Steel 10300M
- 12 Pin to 12 Pin Adaptor – test Southern Steel 10300MD
- 12 Pin to Spring Clamp Terminal Block -- test Southern Steel locks without Molex terminations and 1050 series

Option: Custom Adaptors can be created to meet facility needs.

The TestPro Unit can be used on the products listed below and also works on most non-standard products. If necessary, custom adaptors can be developed for use in testing of other devices.

SOUTHERN STEEL BRAND

Locks	
24 VDC	120 VAC
1051M	1050D
1051P	1051E
10120AM	1051M
10300E	1058M
10300M	10120AE
10300P	10120AM
10600	1050 Series

Sliding Devices	
24 VDC	120 VAC
8010L	3150LX
8050L	3165LX
8065L	4110L

FOLGER ADAM BRAND

Locks	
24 VDC	120 VAC
51M	51E
50HBM	51M
50P	120E/M/MC
120M/MC/P	120ED
NS400	120RUP
D9300	

Sliding Devices	
24 VDC	120 VAC
KR,KR.3	2B, 2B.3
KR.3P	3B, 3B.3
2B.3P	KR
D2B.3P	D2B
D3B,D3B.2	D5B

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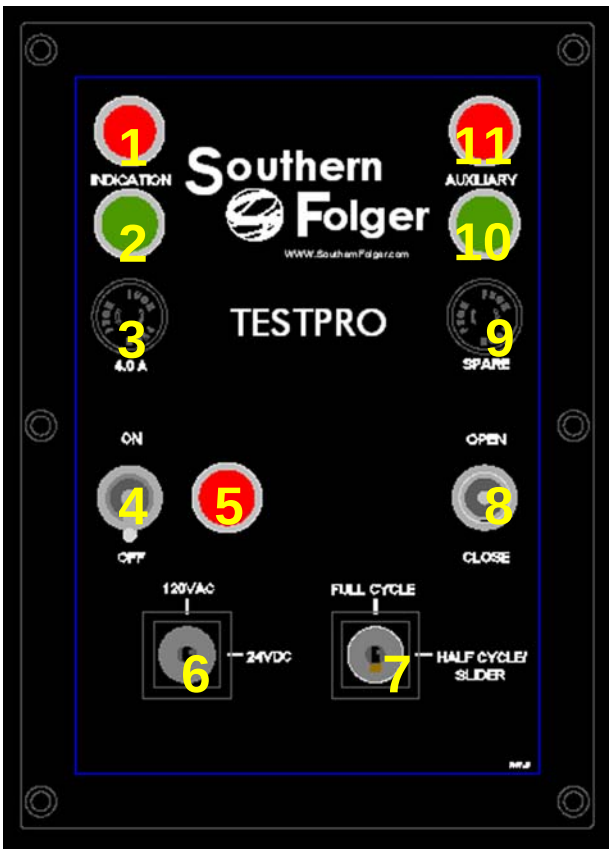
Southern Folger TestPro Operating Instructions

Part Number 76710852 Rev B.1



TESTPRO FEATURES

1.	LED – Door Position Indicator	Green Secure/ Red Unsecure
2.	LED – Door Position Indicator	
3.	Fuse Holder 4.0 A	
4.	On/Off Toggle Switch	
5.	LED – Power On/Off Lamp	
6.	Voltage Selector – A key-operated, multi-voltage selector switch which allows operation of 24VDC and 120VAC units.	
7.	Cycle Type Selector – A key operated switch which allows operation of Half Cycle or Full Cycle.	
8.	Three-position center-off control switch which allows open/close type testing. The control switch is momentary contact, spring loaded to the center-off position.	
9.	Spare Fuse Holder	
10.	LED – Auxiliary Indication	Green Secure/ Red Unsecure
11.	LED – Auxiliary Indicator	

****CAUTION: Always consult product wiring diagrams for proper voltage selection.**

The Southern Folger TestPro is designed to operate Southern Steel and Folger Adam 24VDC and 120VAC locks and locking devices. Updated controls have been simplified and consolidated for most lock functions into a single set of control switches.

Contents of Box: TestPro Unit with attached Power Cord and Molex connector; six (6) Adapters Labeled TPA001 - TPA005 and TPA009; four (4) Keys for Key Switches; Operating Instructions.

If noticeable damage or any contents are missing, please contact Southern Folger's Customer Service Department immediately at 210-533-1231.

For assistance, call 1-800-477-5537.

Rev. 7/7/2011

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See who we are. See all we do.
www.southernfolger.com

Operating Instructions for Southern Folger TestPro

1. Access the product's plug connector(s). Disconnect the plug connector(s) from field receptacle(s). This isolates the product from any field wiring and controls. *If the product does not use a plug-in connection, select appropriate adaptor (Adapter Chart below is also located on the back of TestPro unit.)*

2. Connect TestPro field receptacle to the product's plug connector. A slight side-to-side motion may be required to seat the connector fully. Do not use excessive force as this may damage the pins in the connectors.

3. Check that the On/Off Toggle Switch (4) is set to the off position. Plug the TestPro power cord into a 120VAC *grounded* outlet. **Do not use any type of grounding adaptor or break off the ground pin on the plug. It is there for your protection! In the event that there is a short circuit, dangerous voltages may be present on the case of the TestPro resulting in serious injury.**

4. Refer to product wiring diagram and set TestPro to:
   a. 120VAC **or** 24VDC (Keyswitch 6) **and** b. Full Cycle **or** Half Cycle/Slider (Keyswitch 7)

5. Turn TestPro ON - LED Lamp (5) indicates power is on when lit. Check lock or sliding door using the TestPro as your control. Don't forget to test the switch settings of the indication lamp circuit(s). Turn TestPro OFF and remove from product.

ADAPTER CHART

Adapter Number		Adapter Number	
TPA001 – See color code breakout below	For use with locking devices with no Molex connection **	**TPA003**	**Southern Steel Locks** 10300M
TPA 002	**Southern Steel Locks** 1051 Series 1058 Series 10120 Series 10300E/10300P 10600 **Southern Steel Sliders** 4110 Series 8010 Series 8050 Series 8065 Series Less Key Switch Connector	**TPA004**	**Southern Steel Locks** 10300MD
		TPA005	**Southern Steel Sliders** 3150 Series 3165 Series Less Key Switch Connector
		TPA009 – See color code breakout below	For use with locking devices with no Molex connection** **Southern Steel Locks** 1050 Series
		No Adapter	**Folger Adam Locks and Devices** with Molex

TPA001 Adapter (Clip Adapter) Color Code Breakout for locking devices with terminal blocks

****See wiring diagram for wire color code breakout, voltage and cycle type**

Pin 1	Yellow	Lock Control Unlock or Open Command
Pin 2	Purple	Auxiliary LED "Secure" Input
Pin 3	Red	Indication LED "Unsecure" Input
Pin 4	White	Lock Control Common (-24VDC or 120VAC Neutral)
Pin 5	Orange	Auxiliary LED "Unsecure" Input
Pin 6	Blue	Indication LED "Secure" Input
Pin 7	Black	Lock Control Constant Voltage (+24VDC or 120VAC Line)
Pin 8	Brown	Auxiliary LED Indicator Voltage (+24VDC)
Pin 9	Brown	Indication LED Indicator Voltage (+24VDC)
Pin 10	Green	Lock Control Relock or Close Command
Pin 11	Yellow	Lock Control LEK Input to Unlock or Open Command
Pin 12	Black	Lock Control LEK Constant Voltage (+24VDC or 120VAC Line)

TPA009 Adapter (Spring Clip Adapter) Color Code Breakout for Southern Steel locking devices with no Molex adapter

****See wiring diagram for wire color code breakout, voltage and cycle type**

Pin 1	Blue	Lock Control Unlock or Open Command
Pin 3	Red	Indication LED "Unsecure" Input
Pin 4	White	Lock Control Common (-24VDC or 120VAC Neutral)
Pin 6	Yellow	Indication LED "Secure" Input
Pin 8	Orange	Auxiliary LED Indicator Voltage (+24VDC)
Pin 10	Brown	Lock Control Relock or Close Command