
FLEX Remote-Start Switch (RSS)

General Description

The FLEX-RSS is a remote switch designed to run an engineering-loaded test program on FLEX family testers, including FLEX, microFLEX and UltraFLEX. It plugs into a USB port on the PC and can be operated by hand by placing it on the test head or by foot by placing it on the floor.

Features

- Rugged switch design, which can be operated by hand or foot
- Pivot assembly enables switch actuation from any angle
- Weighted (0.12 Kg), non-skid base keeps switch from sliding on the test head
- USB interface
- Extended USB wire to allow PC to be placed up to 20' from the test head

Figure 1 – RSS in Operation

**Operation**

The FLEX-RSS is designed to be operated in an engineering environment. The following conditions must be true for the switch actuation to start the test program flow:

1. Excel is running
2. IG-XL test program is loaded
3. Test program is in engineering mode
4. Excel VB access is enabled
5. Test program is idle

The software driver will run the test program in engineering mode only. This prevents accidental program execution from switch actuation during production probe or final test, when device handling equipment (prober or handler) is active.

Applications

- Test program engineering development
- Manual lot testing for test data collection

Ordering Information

Assembly Part Number:	FLEX-RSS
Teradyne Part Number:	600-314-00