

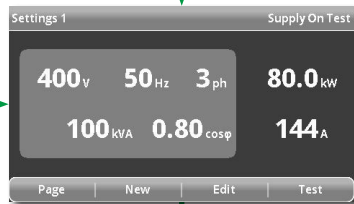
# SIGMA Hand-held Quickstart Guide

The Sigma Hand-held provides full three-phase instrumentation on any ASCO Sigma equipped load banks. This quickstart guide will help you get the best out of the Sigma Hand-held.

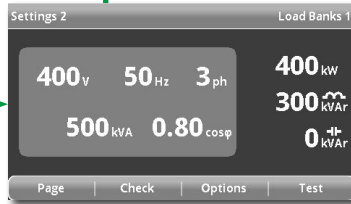


Read the load bank manual before use and take special note of all the safety warnings. Please view the manual for load bank / hand-held connection instructions, error codes and solutions.

## 1. Set the Supply on Test



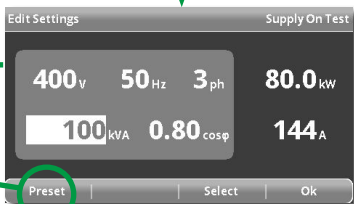
Press F1 to see total load bank/s capacity.



**F2** Press F2 to find new load banks and reset errors.

Press F2 to set supply voltage, frequency and phases automatically (when supply on test is connected).

Press F3 to manually edit supply details.



**F1** Press F1 to scroll through common Preset electrical parameters.

**+ -** Use the + and - keys to set the size of the supply.

## 2. Options



Press F1 to see total load bank/s capacity.

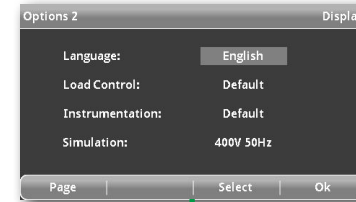


**F1**

Press F3 to view Options.

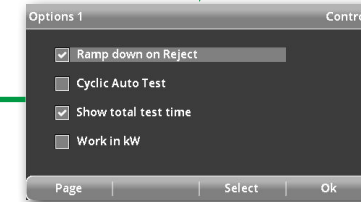
**F3**

**i** There are numerous languages available.



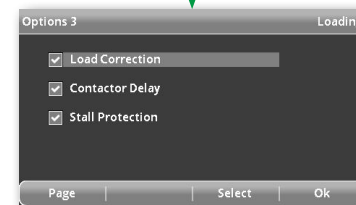
Press F1 to scroll through Options pages.

**F1**



**F3 +**

Press F3 to select the option and + to edit.



**F4** Press F4 to confirm Options.

**i** Ramp down on reject takes load off slowly to prevent damage to supply on test.

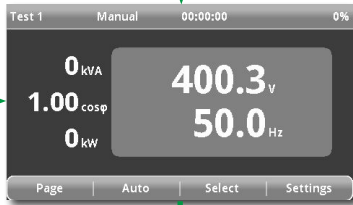
**i** Cyclic auto test repeats the auto test until it is stopped manually.

**i** Options are saved so you only need to set them once.

### 3. Apply Load

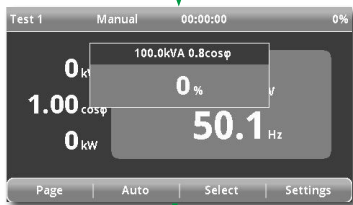


**F4** Press F4 to view the Test page.

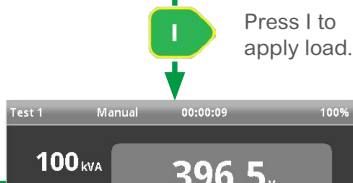


**+ -** Set load and/or cosp with the + or - keys.

Press O to reject load.



**F3** Press F3 to select load settings: % kVA or kW, kVA or kW and cosp.



**I** Press I to apply load.

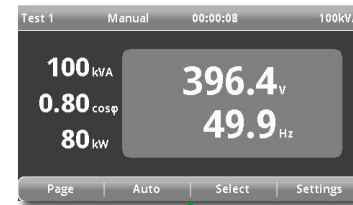


The LED on the keypad will illuminate when load is applied. It will flash when an auto test is in progress.

The status bar shows the time load has been applied.

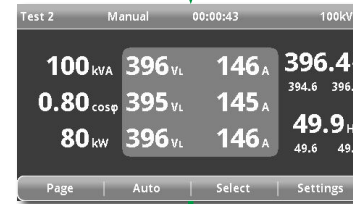
Each time you press I (apply load), load correction will correct load at the actual operating voltage.

### 4. View Instrumentation

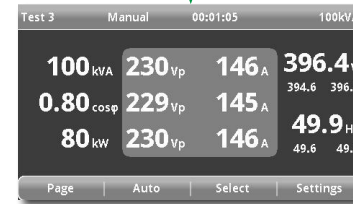


Press F1 to view Instrumentation page 2.

Test page 2 shows line-line voltage and Test page 3 shows line-neutral voltages.



Press F1 to view Instrumentation page 3.

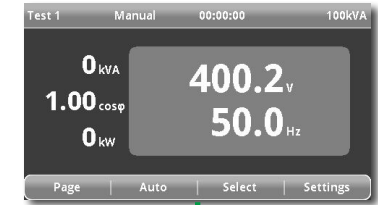


The status bar shows the load step in progress and the time load has been applied.



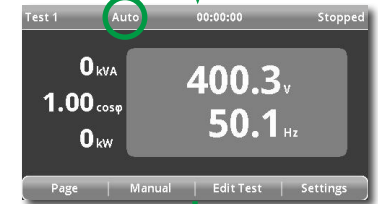
**I** Press I to start the Auto test.

### 5. Automatic Load Control



The status bar will show either manual or auto.

**F2** Press F2 to toggle between Manual and Auto test.



Auto test can have up to 16 load steps.

**F3** Press F3 to edit auto test settings.



**F1 F3** Press F1 and F3 to select setting.

Press F4 to confirm.



Edit selection with the + or - keys.