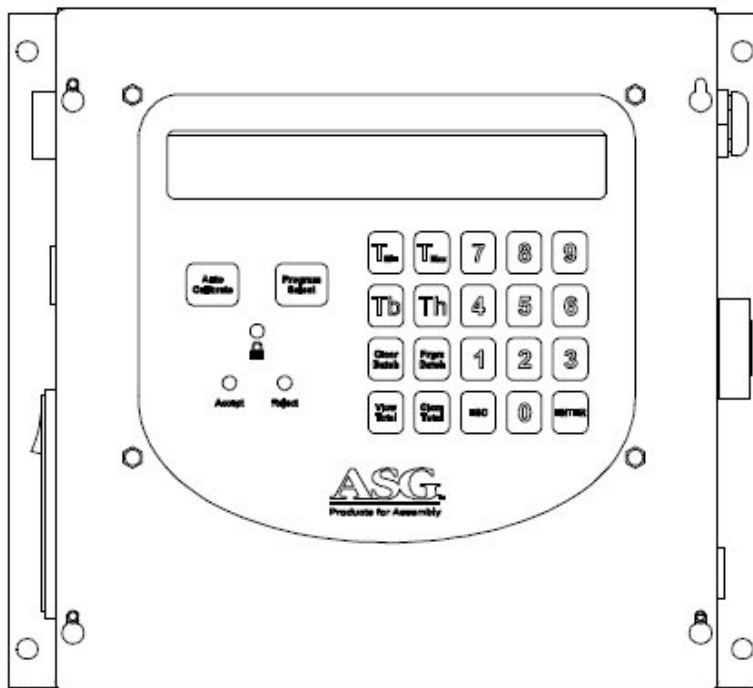# GEN II Qualifier

Quick Start Guide

August 2009

Revised Version
With External Transducer

ASG Industrial, Division of Jergens Inc.
www.asg-jergens.com

Thank you for purchasing ASG's GEN II Qualifier. In an effort to conserve precious natural resources, ASG has decided not to include a paper manual with the GEN-II units. A CD is included with this unit. On it you will find the instruction manual for the GEN-II unit (in .pdf format) along with the Cyber-Q software and the manual for the Cyber-Q software (also in .pdf format) or for your convenience you may also download the manuals at;

http://www.asg-jergens.com/pricelist_download.aspx

You may make the choice to print out the manuals if you wish to have a paper copy.

Applicable tools

IMPORTANT Please note, that ASG's Patent Pending proprietary technology restricts the use of any push to start air tools, other than ASG's HPQ Series tools, with an air qualifier. ASG sells the GEN II and an HPQ series tool as a system only. If you have a system with an HPQ Series tool, purchased from ASG and you need to order either a replacement HPQ Series tool, or a different model HPQ Series tool you will need to provide the S/N of your GEN II unit.

For lever start or pistol grip tools the GEN II Unit and the tools are sold separately. If you purchased a GEN II unit separately from ASG and now wish to use an HPQ Series tool you will be asked to provide the original purchase order number..

Quick Start Guide

To set up the GEN II The proper TOOL TYPE must be identified then an AUTO-Cal is performed The following steps will walk the operator quickly through selecting the tool type and the calibration process.

Step 1:
For Push to Start connect the REMOTE TRANSDUCER by connecting the 2, 5/32" tubes to the ports on the tool. Connect the BLACK tube to the silver 90° fitting on the tool and the BLUE tube to the to black 90° fitting on the tool.
For Lever Start or Trigger Start Tools connect the REMOTE TRANSDUCER by connecting only the BLACK tube to the silver 90° fitting on the tool, and leave the BLUE tube loose or coiled with the black tube.

Connect the grey 6 pin RJ-11 cable to the port in the REMOTE TRANSDUCER. Connect the other end to the black RJ-11 port on the right side of the GEN II

Step 1: Continued

WARNING! DO NOT SHORTEN THE BLACK TUBE Coil it, making sure not to kink or bend the tube, and attach it to the tool's air hose with one of the included tie wraps. Shortening the tube can cause the Auto-cal to fail or cause error readings on properly tightened fasteners.

Step 2:
Power up the unit and wait for the Home Screen to appear.

Step 3:

Press PROGRAM SELECT. **NOTE** All units ship from the factory with a default password of 0104. Enter this password to access programming functions, or unlock the key switch. If stuck at the Password screen just enter any 4 numbers and you will see "INVALID PASSWORD" then you will see the Home Screen again.

Press PROGRAM SELECT until a tool type is seen. To change the tool type press the ENTER button to scroll through the tool types until either ASG PUSH-TO-START or LEVER/TRIGGER TOOLS is seen. Then press PROGRAM SELECT until the Home Screen is seen again.

Step 4:
When the Home Screen appears again, Press the Auto Calibrate Button on the control panel.

Step 5:
The message "Calibrate tool now? ENTER= YES ESC=NO" will alternate until ENTER is pressed.

Step 6:
The message "Tool must be off" "ENTER when ready" will alternate until ENTER is pressed. Do not run the tool at this time.

Step 7:
The message "Run fastener now", "Then press ENTER" will alternate. Be certain to run the fastener all the way down until the clutch activates, then press ENTER.

IMPORTANT
When running the test fastener be sure to run the fastener into the actual part being assembled using all parts and hardware to be used in the assembly process.

Quick Start Guide continued

If the Auto-Cal was successful you will see "AUTO-CALL SUCCESS-FUL, then display will show the Home Screen. If the Auto-Cal was not successful you will see "AUTO-CAL FAILED, then the display will show the Home Screen.

If the Auto-Cal procedure failed, repeat steps 4 through 7 to attempt a successful Auto-Cal. If the Auto-Cal still fails particularly on a hard joint contact ASG technical service at 1-888-486-6163.

If the Auto-Cal procedure was successful You will still need to clear the batch and set a batch in order to have the display properly reflect the starting count and the number of fasteners in the batch.

Step 8:
Press CLEAR BATCH, The message "CLEAR BATCH" and ENTER= YES ESC=NO" will alternate until either ENTER or ESC are pressed.

Step 9:
Press SET BATCH, You will see a letter and a 3 digit number,
(X BATCH = ###) where X is the current parameter (A through H) and ### will be the number of screws in the batch (1-255). Use the number keys to set the batch then press ENTER. You will be back to the Home Screen.

Step 10:
If you have finished and are ready to run production, lock the unit by either pressing the ESC button (if you entered the password) or turn and remove the KEY.

For more detailed information refer to the full manual found on the CD included with your unit.