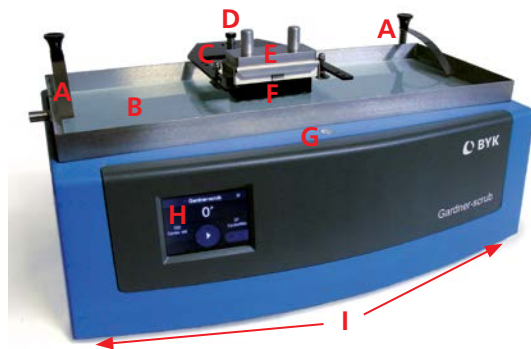




**Caution!** Read Instruction Manual and all safety warnings before using this instrument.  
The Gardner-scrub Abrasion Tester has moving parts which should never be touched during operation.

## Gardner-scrub Abrasion Tester



- A** Panel holder
- B** Sample tray
- C** Carriage
- D** Carriage release knob
- E** Brush/sponge holder
- F** Brush
- G** Bubble level
- H** Touch screen
- I** Adjustable feet

## How to start the Gardner-scrub?

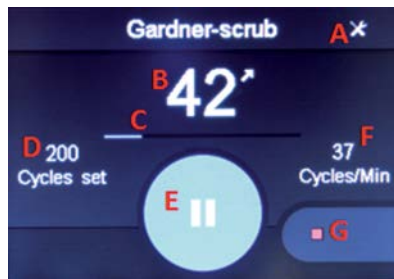
- Connect the power supply
- Turn on the power switch
- Setup the Instrument by using the touch screen
- Start procedure by pressing start button

## How to prepare the test?

- Setup the instrument level by using the adjustable feet on the bottom of the instrument.
- Affix the brush/sponge/pad holders to the carriage.
- Nuts on the holder should be fixed tightly secured to the bolts and the bolts move freely through the holes in the carriage. Up to 3 standard brush holders may be used at once.
- Insert prepared brushes/sponges/pads into holders
- Make sure all parts are in place including the metal tray, glass plate, and test panel
- Press the clamps down firmly onto the sides of the lily frame to hold everything in place. If no lily frame is used, clamp the test panel directly at the sides close to the edge of the metal tray.
- To release clamps, apply sideways pressure.

# Gardner-scrub Abrasion Tester

## Touch Screen



### A Settings

- Touch to open the Setup menu

### B Cycle count

- Up arrow indicates the machine is counting up from zero
- Down arrow indicates the machine is counting down from the programmed number of cycles

### C Progress bar

### D Programmed cycles

- The machine will stop running after reaching this number of cycles

### E Start/Pause button

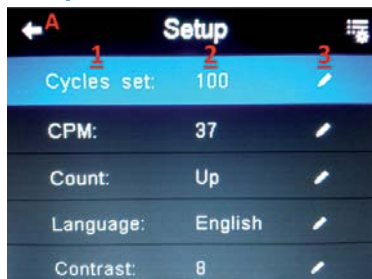
- While machine is in motion this will display a pause button (above). Touching this stops the machine without resetting# the cycle count.
- While machine is stopped this displays a start button

### F Cycles/ minute

### G Stop button

- Stops the machine and resets the cycle count

## Setup-Menü



### Column 1

- adjustable setting

### Column 2

- current setting

### Column 3

- change setting

### Cycles set

- When started the machine will operate for this number of cycles then shut off

### CPM

- Cycles Per Minute

### Count

- Determines whether the machine will count up from zero or down from the "cycles set" amount

### Language

- Available languages are English, German, Spanish, French, Italian, Chinese, Japanese and Portuguese

### Contrast

- Allows you to make the screen lighter or darker to be easier to see

### A – Back button

- Return to the home screen