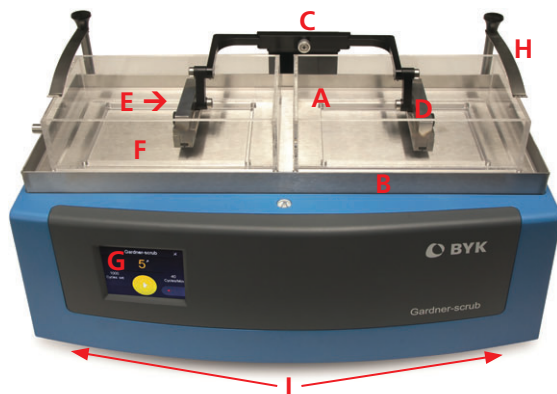




Caution! Read Instruction Manual and all safety warnings before using this instrument.
The Gardner-scrub Abrasion Tester has moving parts which should never be touched during operation.

Gardner-scrub ECE 43 Abrasion Tester



- A** Acrylic box locator
- B** Sample tray
- C** Carrier
- D** Wiper blade holders
- E** Wiper blade release knob
- F** Acrylic sample boxes
- G** Touch screen
- H** Sample clamps
- I** Adjustable feet

How to start the Gardner-scrub?

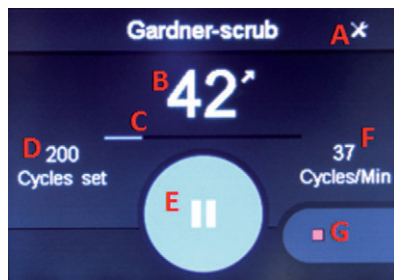
- Connect the power supply
- Turn on the power switch
- Setup the Instrument by using the touch screen
- Start procedure by pressing start button

How to prepare the test?

- Setup the instrument level by using the adjustable feet on the bottom of the instrument.
- Install a new wiper refill into each of the two wiper holders.
- Install the wiper carrier on the bracket.
- Place the tray, the sample box locator and the sample boxes on the instrument.
- Place the sample in the bottom of the sample box, use spacer plates as needed to bring the sample to the level with the bottom of the sample box.
- Seal the gap between the sample and the sample box with appropriate tape.
- Lower the sample clamps onto the edge of the metal sample tray to hold it in place.
- To release the clamps, apply sideways pressure.

Gardner-scrub ECE 43 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

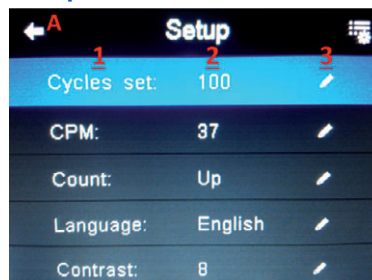
- While machine is in motion this will display a pause button (above). Touching this stops the machine without resetting# the cycle count.
- While machine is stopped this displays a start button

F Cycles/ minute

G Stop button

- Stops the machine and resets the cycle count

Setup-Menu



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