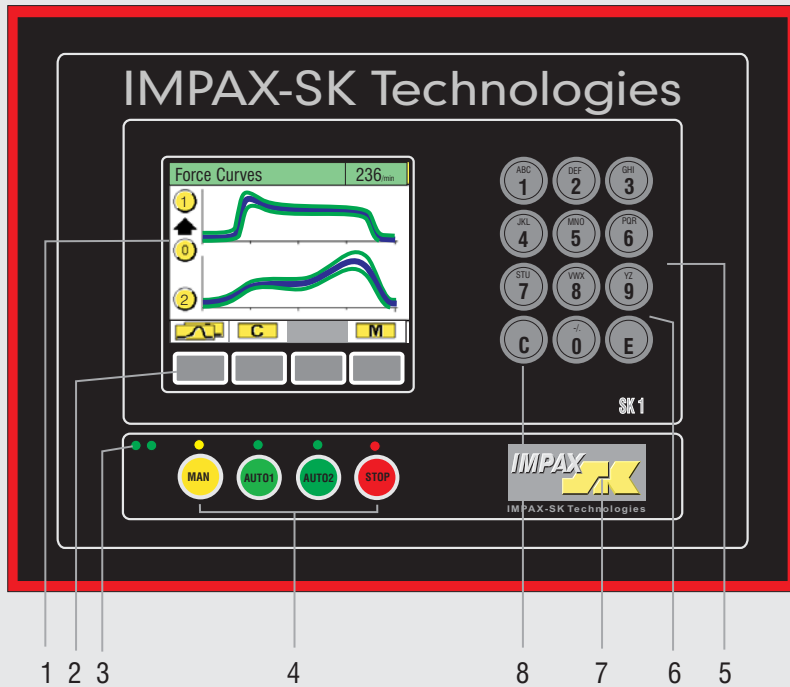


# IMPAX-SK 5

## Operation Manual



1. LCD color graphic display (5.7")
2. Function selection keys (current function of each key is shown in the symbol box above)
3. Timing signal indicators 1 and 2
4. Operating mode selection with indicator LED:
  - MAN - mode (manual/set-up)
  - AUTO 1 - mode (normal shift)
  - AUTO 2 - mode (after hour shift)
  - STOP (machine switched off)
5. Numerical keypad 0 - 9 (and optional alphanumerical entry)
6. E-key (Enter Key)
7. Key depressed together with the MAN-key to allow change to the sensor timing window. Enter new start value and Press E-Key. Enter new end value and Press E-Key.
8. C-key (Clear/change display mode, Etc.)

### 1 Turn On (push button located on rear panel)

The display and the MAN-key light up. The **IMPAX-SK 5** is ready. Start the machine and check your parts. When okay, start the monitoring mode (Step 2):

### 2 Press AUTO-key

Unit will move into automatic monitoring mode (green AUTO-light turns on). During the first few machine cycles the monitoring limits (envelopes) will adjust to fine tune.

### 3 Process Failures (machine stops)

In case of process errors (e. g. force errors or counter stops), the machine will be stopped by the **IMPAX-SK 5** (the **AUTO** light turns off and the red STOP light comes on). The display's top line turns red and shows the error message and the time when stopped.


### 4 Re-start after machine stop

- press the **MAN**-key (stop relays are released so machine can be jogged)
- eliminate the cause of the stoppage, re-start machine and check parts
- when parts are ok, press **AUTO** again to return to monitoring mode

### C Set the part counters

- press function key **C** (counter C1 for order size will appear)
- to set press **C** (old value turns blue) and enter your desired new count
- confirm your entry with **E**. Actual count zeroes, confirm again with **E**
- press any key to switch counter from stop active (✓) to not active (-)
- use the buttons **2**, **3** or **4** to call up the other counters and then set them

### E Set Sensitivity (S), Tolerance (Tol) and QL (Q-Limit)

- Press  and then a numbered key to move to the desired channel
- to adjust settings press the **C** key (the sensitivity box will turn blue)
- adjust envelop **sensitivity (S)** setting (1=coarse, 9=fine, 0=channel is off) confirm with **E**
- adjust **Tol.** (1-9 allowed faults, 0= immediate stop) and confirm with **E**
- adjust **QL** (Quality Limit) to minimal acceptable limit and confirm with **E**

# IMPAX-SK 5

## Important displays and operating screens

**C** Start-up screen

S	Tol.	Q	QL	
7	1	97	85	236/min

2 396

**C** **M**

Force curves 236/min

1

0

2

**C** **M**

or:  
1.2.

Order Count 236/min

**C**

Presel	500000		1 C1
Actual	317590	64%	2 C2
Rest	182410		3 C3
Rem.time	12:52		4
Stop	<input checked="" type="checkbox"/>		

**C** **M**

**M** P1/4

- 1 Trend
- 2 Sorting / Idling
- 3 No. of strokes in MAN 150
- 4 Production statistics
- 5
- 9 Next page

**C** **M**

**C** Force curves with SKPROFILEmaster

S	Tol.	Q	QL	
SKPROFILEmaster	1	97	85	236/min
2	7	5	3	

396

9 6 4

**C** **M**

Batching 236/min

**C**

Presel	20000		1 C1
Containers	8	37%	2 C2
Rem.time	06:32		3 C3

**C** **M**

Trend 236/min

Trend Monitoring  Time 05:00

1 237

130%  
105%  
80%

10:10 12:40 15:10

**C** **M**

**C** → activates data entry mode

→ moves to the next screen

**MAN** 4 1.2. Press to activate the function