Teslnik's Intelligent Screw Counter for Electric Screwdriver

Features comparison with BSD Counter SKP-BC32HL

VS

1. Tightening/Operational Status LED

Teslnik's Intelligent Counter

5 Different Colour for indicating different operation status

Yellow For Setting Access

Green for OK Status

VS

Blue for Forward Screwdriver Run
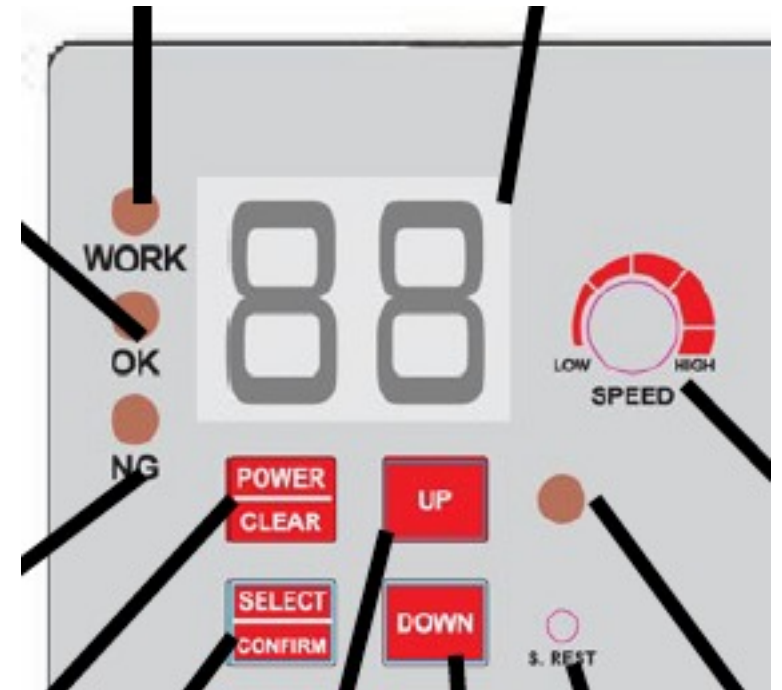
Purple for reverse Screwdriver Run

Red for NG Status

Always know Screw Tightening status with RGB Led.

BSD Counter

Only Red Colour LED

2. OK/NG judgement on Thread Count basis

Teslnik's Counter

OK/Ng judgement on the basis of Thread Count of Screw

Illustration image of teslnik's Counter LCD

Capture these common Assembly defects
with simplicity of easy setting on LCD.

VS

BSD Counter

Not Available

PROCESS TO SET UP SYSTEM:

1、Please connect the cord, turn on the power switch until LED shows number.

2、Please press SELECT key over three seconds till buzzer making sound, the panel will show SL 01 to push UP/DOWN to decrease or increase the number, it can set up five units of number.

3、To press SELECT key, buzzer will sound, the panel will show SC 01 to push UP/DOWN to decrease or increase number, the maximum can set up 99.
   SC: To set up counting number.

4、To press SELECT, the screen will show At 10 push UP/DOWN to increase or decrease number, the maximum can set up 9.9.
   At: Automatic set up CLEAR time.

5、To press SELECT, the screen will show RC 00 push UP/DOWN to increase or decrease number, the maximum can set up 9.9.
   Rc: To set up slow-start time.

6、To press SELECT, the screen will show Ht 20 push UP/DOWN to increase or decrease number, the maximum can set up 9.9.
   Ht: : Stop time.

7、To press SELECT, the screen will show Lt , 00 push POWER key 00 , adjust decimals, UP/DOWN to increase or decrease number, the maximum can set up 9.99.
   Lt: Set up Detect Start Time."02"means 0.02.

8、To press SELECT, the screen will show LL , 00 push POWER key 00 , adjust decimals 00. push UP/DOWN to increase or decrease number, the maximum can set up 9.99.
   LL: No times confirmed within set-up time after fastening. "02" means 0.02

9、To press SELECT 05 to confirm.

Complex setting process for other functions.

3. OK/NG Judgement on the basis of Runtime with display on LCD for better judgement

Teslnik's Counter

OK/NG judgement on the basis of Runtime

Illustration image of teslnik's Counter LCD

BSD Counter

Not Available

VS

Screw tightening Runtime Display helps user to identify Assembly defects and capture Part/Screw variations in real time.

Capture difference in part variation with Precise Runtime shown on LCD in millisecond.

4. Automatic Program Change

TesInik's Counter

For Production line with various models running in same line: Automatic Program change 2 options are available:

1. Batch Count- 15 Programs
2. RFID Card Based Program Change. - 15 programs
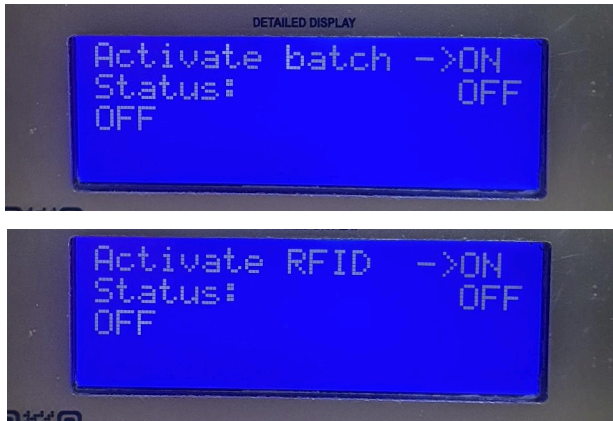
Illustration image of teslnik's Counter LCD.

For Multi - model Line where Different length screw are used for different parts. This feature is must to have.

For Easiest Program Change technology, suitable of Multi Model Assembly line.

VS

BSD Counter

5 programs only.

SW6 : Arrangement form: The memory can save five units number, user can push switch ON, the system will automatically arrange five units, easy for user to make arrangement at work.

5. RFID CARD based setting access

TesInik's Counter

With Smart RFID Card Based Setting access, now no one can change/tamper production settings without authorized RFID card.
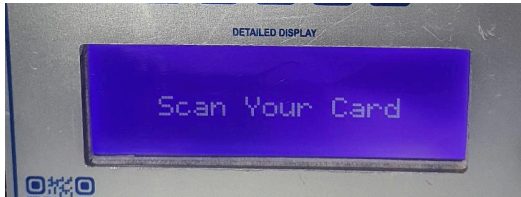
Step 1- For setting access
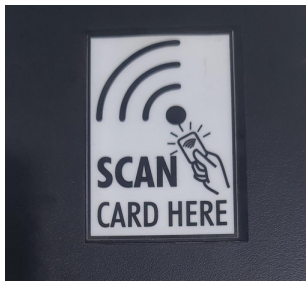
Step 3 - Use Exclusive assigned Master Card on Top panel.

Step 3- Access Granted.

For ensuring no unauthorized Setting access of Counter for Worry free and Audit Proof Production line.

BSD Counter

VS

No Setting Lock available- Prone to change/tamper in production setting.

6. Enable/Disable Inputs and Outputs digitally with just press of a button

TesInik's Counter

Controlling Counter's External IO's just made easy-
Enable or Disable with easy Setting access on LCD.

Disable/Enable External IO's Switch with just press of a button by selecting ON/OFF on LCD

Disable/Enable External IO's Sensor option with just press of a button by selection ON/OFF on LCD.

VS

BSD Counter

Mechanical DIP switch based function.

Easiest way of configuring External IO's for industrial Automation.

7. Intelligent Reverse Run/Count Control

Teslnik's Counter

Controlling Reverse Run/Rotation of Screw driver is just easy as On and OFF switch. Control Minus Count during Reverse rotation as per production need by just ON and OFF setting access.

Minus Count can be enabled or Disabled as per Production/Audit requirement in easiest possible way
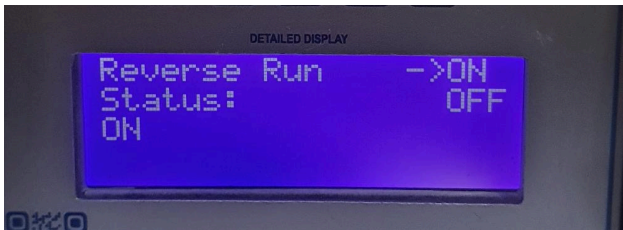
Screw Driver's Reverse Run/Rotation can be Disabled as per Production requirement with any tampering of Screwdriver.
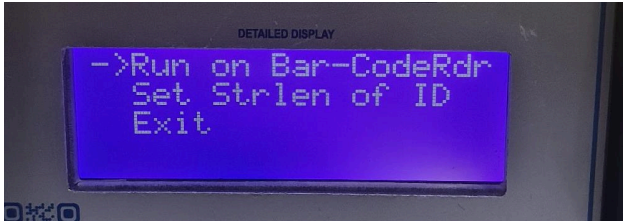
Easiest way of controlling Screwdriver's Reverse Rotation and Counter's Minus Count in case of Reverse Operation of Screwdriver.

BSD Counter

Not Available

VS

8. Barcode Scan Based Screwdriver Run – Enable/Disable

TesInik's Counter

Without Part Barcode Scanned, Screwdriver will not start/run. For Complete Poke-Yoke and traceability option.

STEP 1- Enable Run on Barcode in Setting.

STEP 2- Scan Barcode to Enable Screwdriver Start/Run

Screwdriver Switched ON

STEP 3 – Start Screw Tightening as per Set Count.

For Barcode based Screwdriver assembly line

Note: This feature is modular/optional with additional Charges.

BSD Counter

Not Available

VS

Teslnik®

Teslnik's Counter

Record data of Assembly operation in DAS Software on your system with our Advance Industry 4.0 WIFI data output feature.

VS

BSD Counter

Not Available

For Traceability and data recording of Screw tightening in assembly operation .

Note: This feature is modular/optional with additional Charges.

Teslnik's Counter

BSD Counter

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Warranty – 2 Years

6 months

Note: Warranty for Manufacturing defects.

Thank you

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