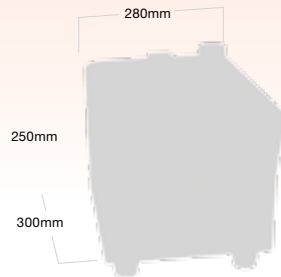


## SCREW TIGHTENING SYSTEMS

### IAT-7540

**NEW  
MODEL**



#### SCREW COUNTER

TOUCH SCREEN / COUNTS SCREWS IN A PROCESS / MONITORS SCREW TIMES, TORQUE AND ACCURACY OF SCREWS APPLIED BY A PNEUMATIC SCREWDRIVER

##### FEATURES

- Counter has an advanced, patented Pressure and Time control system which ensures precise data reading and collection.
- An M5 signal port wire is no longer required which eliminates the inconvenience of the wire and the possibility of false readings if the wire breaks.
- A flow controller is no longer needed as variations to the operation sequence, if required, can be made by means of an optional magnetic card.
- Operation of the counter is now by means of a touch screen which is much simpler and easier than the traditional dial and push button system.
- The system provides professional quality management of the screwdriving operation by precisely monitoring the screwing process and eliminating human errors.
- Close management of the operation speeds up the manufacturing time by eliminating unproductive screwing.
- Monitoring the screwing process by means of the actual count improves the quality and efficiency of the production line.

A screw counter gives a complete analysis of the screw data in a process. This is essential in production lines where a particular quantity of screws are to be fitted to a particular torque setting. If the incorrect number of screws are used or they are installed too tight or too loose the product will be faulty. The installation of a screw counter helps to prevent this and ensure that all screws are applied as specified.



## SCREW TIGHTENING SYSTEMS

### IAT-7515

**NEW  
MODEL**



#### DIGITAL TORQUE METER

MEASURES UP TO 1.5NM

MEASURING RANGE	0.01-1.50Nm 0.10-15kgf.cm 0.10-13in.lbf
ACCESSORIES	<ul style="list-style-type: none"> <li>IAT-7650, IAT-7660 Test Joints (4 bits HEX opposite side 6mm)</li> <li>USB connector cable</li> <li>M4 screw No.2, transfer bit No.4.</li> <li>240 Volt AC / DC adaptor</li> <li>Calibration Results, Calibration Certificate</li> <li>System Traceability Code</li> <li>Protective case</li> </ul>
FEATURES	<ul style="list-style-type: none"> <li>Rechargeable battery</li> <li>Auto power off without memory loss</li> <li>USB inlet for computer link-up</li> <li>800 data memory</li> <li>One touch zero adjustment</li> <li>Function shows high and low limits</li> <li>Maximum, minimum and average screw data</li> </ul>

Digital torque meter for measuring actual screw torques and setting torque shut-off screwdrivers in production situations to ensure accuracy and precision in tightening operations.

#### Test Joints

MODEL NO.	RANGE
IAT-7640 (OPTIONAL)	0.02 - 2.4Nm
IAT-7650	0.15 - 1.0Nm
IAT-7660	0.5 - 4.9Nm
IAT-7670 (OPTIONAL)	4.9 - 9.8Nm



IAT - 7650 IAT - 7660

### IAT-7516

**NEW  
MODEL**



#### DIGITAL TORQUE METER

MEASURES UP TO 15NM

MEASURING RANGE	0.10 - 15Nm 1.0 - 150kgf.cm 1.0 - 130in.lbf
ACCESSORIES	<ul style="list-style-type: none"> <li>IAT-7650 Test Joint</li> <li>USB connector cable</li> <li>M4 screw No.4, transfer bit No.4</li> <li>240 Volt AC / DC adaptor</li> <li>Calibration Results, Calibration Certificate</li> <li>System Traceability Code</li> <li>Protective case.</li> </ul>
FEATURES	<ul style="list-style-type: none"> <li>Rechargeable battery</li> <li>Auto power off without memory loss</li> <li>USB inlet for computer link-up</li> <li>800 data memory</li> <li>One touch zero adjustment</li> <li>Function shows high and low limits</li> <li>Maximum, minimum and average screw data</li> </ul>

Same as IAT-7515 but with a capacity to measure up to 15Nm.

#### Test Joints

MODEL NO.	RANGE
IAT-7640 (OPTIONAL)	0.02 - 2.4Nm
IAT-7650	0.15 - 1.0Nm
IAT-7660	0.5 - 4.9Nm
IAT-7670 (OPTIONAL)	4.9 - 9.8Nm

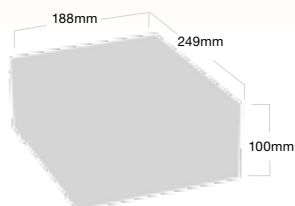


IAT - 7650 IAT - 7660

## SCREW TIGHTENING SYSTEMS

### IAT-7521 / IAT-7524 / IAT-7525 / IAT-7528

**NEW  
MODEL**



#### DIGITALISED TIGHTENING MANAGEMENT SYSTEMS

4 MODELS AVAILABLE WITH POWER RATINGS TO SUIT MOST  
ELECTRIC SCREWDRIVERS

##### FEATURES

- Prevents any possibility of missing screws in a process
- Prevents screws from being not fully tightened, over tightened or stripping threads
- Memory storage of up to 99 screw samples with all accurate specifications
- Regulates actual tightening to sample specifications
- Regulates fine tuning to screwdriver clutch to specified sample times
- Code system prevents unauthorised modification of set data
- Lock device prevents unauthorised operation
- Counter records data of up to 60 000 screws

Digital data terminal for screw counting and tightening to a specified torque setting and time. Ideal for production situations where time frames and torque settings are crucial such as on whitegoods, electric and electronic assembly lines.

MODEL NO.		IAT-7521	IAT-7524 / IAT-7525	IAT-7528
TOTAL QUANTITATIVE COUNTING RANGE (PCS)		1-60 000	1-60 000	1-60 000
UNIT SET COUNTING RANGE (PCS)		1-99	1-99	1-99
SAMPLE SETTING RANGE (PCS)		1-99	1-99	1-99
SET MEMORY (RECALL) (SETS)		1-10	1-10	1-10
SAMPLE TIME SET RANGE (SEC.)		0.1-9.9	0.1-9.9	0.1-9.9
TIME TOLERANCE SET RANGE (+)		ç1-ç99	ç1-ç99	ç1-ç99
INDICATION	OK	Sound & Green LED	Sound & Green LED	Sound & Green LED
	NG	Sound & Red LED	Sound & Red LED	Sound & Red LED
I/O		RS-232C Connector PLC	RS-232C Connector PLC	RS-232C Connector PLC
POWER SOURCE (SWITCHING POWER SUPPLY)	I/P	100-120V AC, 220-240VAC	100-120V AC, 220-240VAC	100-120V AC, 220-240VAC
	O/P	35V DC, 30V DC	35V DC, 30V DC	35V DC, 30V DC
POWER (INCLUDING ELECTRIC SCREWDRIVER)		50W	60W	75W
OVERALL WEIGHT (KG)		1.6	1.6	1.6