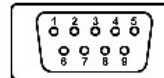


TAT550/TAT560 QUICK START

TAT550



Pin#	Description
6	-P Battery/Common
9	+P Battery

* Remove battery BEFORE Powering

EXTERNAL POWER CONNECTION DB9 MALE

SPEC.



Model #	CAPACITY		H	W	L	T	SQUARE DRIVE	TORSIONAL STIFFNESS in-lb/rad	WEIGHT
	in-lb	N m							
TAT550	120	15	1.0 [25.4]	1.3 [33.0]	17 [432]	0.5 [12.7]	3/8"	22000	2.8 lb [1.22 Kg]
	600	60						1.92 x 10 ⁵	
	1200	150						4.88 x 10 ⁵	
TAT560	6000	678	2.3 [58.4]	2.5 [63.5]	52 [1321]	0.8 [20.3]	3/4"	1.34 x 10 ⁵	9.5 lb [4.3 Kg]
	9000	1017						2.63 x 10 ⁵	

SPECIFICATIONS:

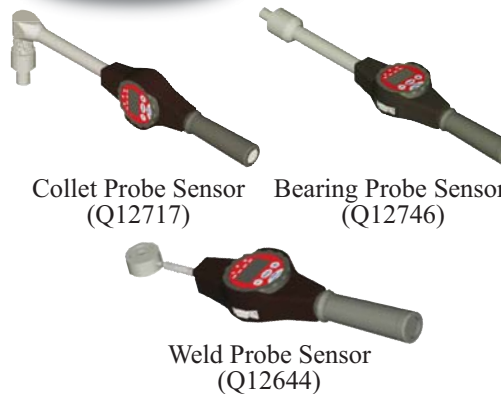
SAFE OVERLOAD	150% of Capacity
EXCITATION (VDC)	9 VDC (Battery Included)
NONLINEARITY	±0.25% of R.O.
NONREPEATABILITY	±0.1% of R.O.
OPERATING TEMP.	32 to 150°F
MATERIAL (FLEXURE)	17-4PH S.S.
MATERIAL (SHAFT)	STAINLESS STEEL (120 TO 1200 in-lb) ALUMINUM (6000 to 9000 in-lb)
MATERIAL (DISPLAY HOUSING)	BLACK ANODIZED ALUMINUM

APPLICATION

TAT550 can be used with TDF600 and VCal Sensor Verification System

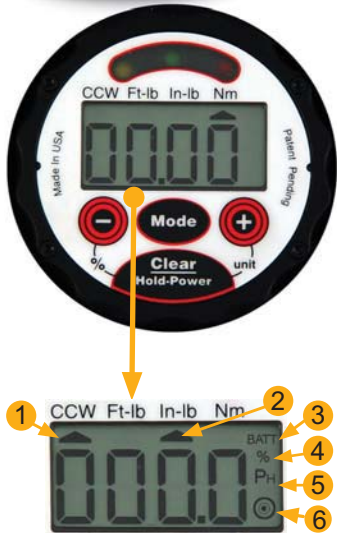


SPECIALS



TAT550/TAT560 QUICK START

DISPLAY



PRIMARY KEY FUNCTIONS

Power		- Press and HOLD button to turn ON or OFF (will AUTO OFF after 5 minutes) - Press during operation to CLEAR torque from display (in PEAK HOLD MODE).
Target +		- Press target button ONCE to see current target torque value. - Press and HOLD to INCREASE target torque value.
Target -		- Press target button ONCE to see current target torque value. - Press and HOLD to DECREASE the target torque value.
Mode		- Press button to toggle between TRACK and PEAK HOLD MODE . (PH will show on LCD when in PEAK HOLD MODE .)
CCW	Counter Clockwise Torque	

SECONDARY KEY FUNCTIONS

Units	HOLD		And Press		To change the UNITS
Target Zone	HOLD		And Press		To change Go/No Go zone from 1-10% (or OFF)
LCD Contrast	HOLD		And HOLD		To adjust LCD contrast (viewing angle)

SYMBOLS

1	Direction Indicator	When arrow is illuminated under the CCW , the wrench is being used in the Counter Clockwise direction.
2	Unit Indicator	When arrow is illuminated under the In-Lb , the meter is displaying In-Lb.
3	Battery 'Low' Indicator	When ' BATT ' is illuminated, the battery is low. Replace the 9 V battery as soon as possible.
4	Target Zone Indicator	When the ' % ' is illuminated, the Target Range can be set.
5	Peak Hold Indicator	When the ' PH ' is illuminated, the display is in the Peak Hold Mode (otherwise the display is in the Tracking mode).
6	Target Value Indicator	When the target is illuminated, the user can set the target value.
7	First Peak	Allows only First initial Peak to be detected.

Target Zone: Programmable **Go/No Go** zone (1-10% of target torque)

Lights: **Yellow** (just under target zone), **Green** (within target zone), **Red** (over target zone)

Buzzer: Continuous when within target zone, intermittent when over target zone.

Zero/Tare: PRESS THE ZERO TARE BUTTONS IF THERE IS A READING IN TRACK MODE WITH NO TORQUE APPLIED.

* If the wrench will not zero, while in track mode, a greater than 2.5% shift has occurred in the transducer, return for repair or recalibration.

Example:

Set the target torque to 100.0: **Target +** Press this target button **ONCE** to see the current target torque value. Press and **HOLD** to **INCREASE** the target torque value.

Set the target zone to 4%: **Hold** and **Press** to change **Go/No Go** zone from 1-10% (or OFF)

Result:

When torque reading is just under 96.00 (4% of 100) the **yellow light** will come on prompting you to slow down. When torque reading is above 96 and below 104 ($\pm 4\%$ zone) the **green light*** will come on. When torque reading is above 104 the **red light*** will come on.

(* **Note:** Buzzer will sound when in Track or Peak mode.)

BATTERY



1
Unscrew the back cover, and you will see the battery in the housing.



2
Unplug the battery and replace with a new one.



3
Fit the wires connected to the battery into the slot and screw the cover.

FEATURES



Rotating Display

359° rotary display for the convenience of viewing.



External Alarm

Use DB9 connector for connection. Special LED output version available. Contact factory.