



## Impact Tool Compatible Stationary Transducer

Workbench mounted static torque transducer

**The impact tool compatible stationary torque transducer is the quality choice for the testing and auditing of all continuous-drive tools, impulse power tools, impact tools and hand torque tools, in workshop, R&D and production line-side environments.**

The impact tool compatible stationary transducer can be used alongside a Crane torque wrench when setting up an impact tool and for verification both off-line in workshops or line-side on mobile testing stations.

Combined with a Crane joint kit that represents the production joint condition, they form an effective off-line test for the verification of assembly tool performance.

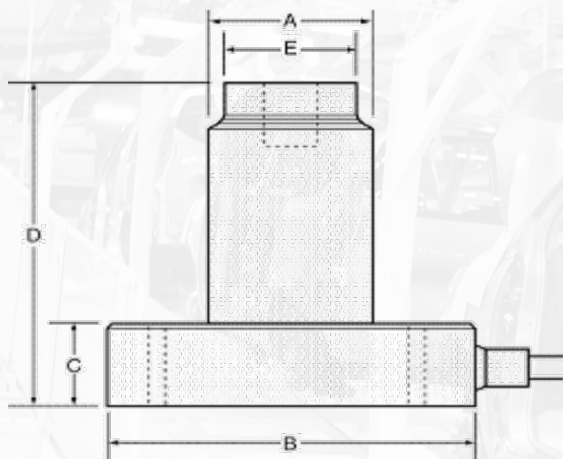
The impact tool compatible stationary transducer is automatically recognised by Crane readouts and data collectors thanks to on board intelligence which eliminates the risk of set-up errors and enables the logging of serial numbers against measurements for complete traceability.

Crane offers a wide range of both rotary and static torque transducers measuring an extensive span of torque values for use in a variety of applications.

### Key Features

- Suitable for the measurement of all continuous-drive, impulse power tools, impact tools and all hand torque tools
- Automatic transducer recognition (Auto ID) with Crane readout and data collector devices, such as the TorqueStar series
- Combine with Crane's joint kits for workshop simulation of both soft and hard joints
- Can be incorporated into custom-built mobile testing stations like the MTTs
- Available in a range of torque ratings from 75Nm up to 600Nm

# Weights & Dimensions



Dimensions in mm							
Drive Size	Rating (Nm)	A	B	C	D	E	Weight (Est. Kg)
3/8"	75	54	100	25	86	24	1.93
1/2"	180	54	100	25	95	30	2.1
3/4"	340 / 600	50	100	25	112	44	2.11

Product Code	Range
STU1X-0075-CRXXX	75Nm 3/8" Impact Tool Compatible Stationary Transducer
STU1X-0180-CRXXX	180Nm 1/2" Impact Tool Compatible Stationary Transducer
STU1X-0340-CRXXX	340Nm 3/4" Impact Tool Compatible Stationary Transducer
STU1X-0600-CRXXX	600Nm 3/4" Impact Tool Compatible Stationary Transducer

## Technical Specification

<b>Transducer Type:</b>	Auto-ID: incorporates data chip enabling Plug & Play operation with compatible Crane readouts and data collectors.
<b>Construction:</b>	Stainless steel housing Overload capacity: 125% rated torque Square drives to ANSI B107-4 -1982; BS4006 – 1992; DIN 3121 – 1987
<b>Connections:</b>	1m integral cable with strain relief; 25-pin 'D' port (male) for connection to Crane readouts and data collectors.
<b>Zero Stability:</b>	< ± 0.1% of FSD/°C
<b>Static Accuracy:</b>	±0.25% FSD
<b>Operating Environment:</b>	Temperature: +5°C to 40°C (-10°C to +60°C with reduced specification) Humidity: 10 – 75% non-condensing
<b>Ingress Protection Rating:</b>	IP40
<b>Calibration:</b>	All torque equipment should be re-calibrated every 12 months
<b>Warranty:</b>	12 months parts and labour against faulty workmanship or materials

For pricing, availability or further technical information about our Stationary Transducers, please contact us online at [www.crane-electronics.com](http://www.crane-electronics.com) or alternatively, email us at [sales@crane-electronics.com](mailto:sales@crane-electronics.com).



### Locations

UK - Watling Drive, Hinckley, Leicestershire LE10 3EY, UK  
USA - 1260 11th Street West, Milan, Illinois 61264, USA  
Germany - Im Rank 5, 73655 Plüderhausen, Germany

