



**tifco industries**

# HydraTest® BLUETOOTH® TRANSDUCER



Download the free app, connect the transducer and wirelessly pair to your smart phone or tablet to monitor pressure without the use of hoses or gauges. Use on everything from mobile hydraulic equipment, pneumatic systems and commercial applications to water, hydraulic, irrigation, pools, medical and sprinkler systems.

**NEW**

- Made in the USA
- Connects to smartphones and tablets via Bluetooth®
- Simply download the app for iOS or Android devices to display results on a smart phone or tablet
- Tests pressure from 0 to 10,000 psi, with 0.25% ultra high accuracy
- 24–36 month battery life (replacement proprietary battery Part No. **79829**)
- 2 times over pressure standard
- Wetted parts are one piece, 17-4 SS (no internal O-rings or welds)
- Operating temperature range from -40° to 185°F
- Stainless steel and high-impact polycarbonate construction
- Compatible with all brands of mobile heavy equipment



79828



## SPECIFICATIONS

- Pressure Range: 0 to 10,000 psi
- Accuracy: 0.25% of 10,000 psi
- Overrange Protection: Up to 20,000 psi
- Burst Pressure: 20,000 psi
- Pressure Cycles: >100 million
- Update Time: ≤ 1 msec
- Connection Distance: 250 feet (line of sight)

## ENVIRONMENTAL DATA

- Operating Temperatures: -40° to 185°F
- Storage: -40° to 257°F, without battery
- Shock Rating: 50g
- Vibration: Rated to 10g at 20 to 2400 Hz
- EMI/FRI Protection: Yes
- Ingress Protection Rating: IP-67



# HydraTest® BLUETOOTH® TRANSDUCER KIT

TIFCO's Bluetooth® Transducer is offered individually and can be connected directly to a port in a hydraulic system. Typically, the transducer is used with any of TIFCO's four Transducer Conversion Adapters pictured below (Part Number **79824-79827**). When connected to a Transducer Conversion Adapter, the complete assembly then mates directly to the OEM Test Points that are already part of the hydraulic system.

In the example below (Image 1), TIFCO's Transducer is assembled with a Style D Transducer Conversion Adapter (Part Number **79827**). The Style D Adapter connects directly to Caterpillar, Bobcat and John Deere equipment.

\* See Page 5 of the *HydraTest®* Product Catalog [AF# **93091**] for a complete OEM Cross reference.



**79624**



IMAGE 1

**NEW**



**79824**

\*STYLE A  
UHT  
Thread



**79825**

\*STYLE B  
Komatsu



**79826**

\*STYLE C  
Volvo



**79827**

\*STYLE D  
CAT/John Deere

## STARTER BLUETOOTH® TRANSDUCER KIT PART NO. **79624**

- Comes with Style A & D Conversion Adapters
- When assembled will test 74 different OEM brands

Part No.	Description
<b>79828</b>	Bluetooth® Transducer
<b>79829</b>	Proprietary Replacement Battery
<b>79824</b>	Style A - Transducer Conversion Adapter
<b>79825</b>	Style B - Transducer Conversion Adapter
<b>79826</b>	Style C - Transducer Conversion Adapter
<b>79827</b>	Style D - Transducer Conversion Adapter
<b>79624</b>	Starter Bluetooth® Transducer Kit

### STYLE "A" BRANDS

Ahern, Allianz/Madvac, Ammann, Bauer, Blaw-Knox, Bomag, Casagrande, Case, Cedar Rapids, Crushtek, Delmag, Demag, Dieci, Dynapac, Euclid, Fuchs, Gehl, Gradall, Grove-GMK (Krupp), Hamm, Hyundai, I.M.T., Ingersol-Rand, J.L.G., John Deere (Liebherr), Kato, Krone, Liebherr, LuiGong, Magni, Marini, Moxy, Nifty, Ponsse, Sakai, Schaeff, Sennebogen, Soilmec, Sunward, Tamrock, Terex, Terramac, Upright, Vibromax, Voegele, Wirtgen, Xtreme, Zettlemeyer

### STYLE "D" BRANDS

Bandit Industries, Barko, Bobcat, Case, Caterpillar, Champion, Ditch Witch, Dresser, Dressta, Ford, Galion, Gehl, Genie, Grove (USA), John Deere, LBX (Link-Belt), Lull, ManiTowoc, McElroy, Mi-Jack, Morbark, New Holland, Omni Quip, Scat Trak, Sky Jack, Skytrak, Snorkel, Terex, Traverse Lift, Watson

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)