

**ROTATING TELEMETRY SYSTEM**

**INDUCTION POWERED**

**Telemetry Transmitters Allow Sensors to be Wireless**

ATi systems are typically used to transmit data from rotating shafts or machinery to a stationary receiver. The 2040BC Miniature Strain Gage Transmitter can be associated to strain gages adhered to your shaft in order to transmit shaft torque and thrust, **while the system is running.**



Single piece and split collars are available in most any size, which will clamp or bolt to any shaft size. The Model 2025iR Receiver features a built-in Induction Power Supply, while the 2025i

Power is supplied to the Transmitter Inductively for continuous, non-interrupted measurements. No batteries are required because the IPS delivers power through a stationary loop antenna to a rotating antenna. The rotating loop antenna and Induction Power Converter are embedded into the Model 2010i Collar Assembly.

utilizes the separate 2030i IPS. Either includes a digital backlit LCD display and analog outputs. The unit can be powered from 12 VDC or 120 VAC.

**Each system comes complete** with all required accessories. This includes antennas, AC power adapter or DC power cord for Receiver, and all required cables.

**FEATURES**



No Slip Rings



No Shaft Modifications Required



Transmitters available for Strain, Torque, Pressure, Voltage, Temperature.... Most Any Type of Signal



Clamp-on Collar houses Transmitter(s) and Induction Power Converter. Contains embedded transmitting antenna



Transmits Sensor Signals via Radio Transmitter to a Stationary Receiver



Immune to electromagnetic interference, dust, oil, moisture, etc.



Remote Shunt Calibration Available



Multi-Channel Systems Available

