# REMOTE MONITORING APPLICATION MATRIX

**Rochester Sensors™**

| Device | Remote Device | Product Certification | Comms Protocol | Tank Location | | Application | | | | | | | | Tank Type | | | | | Tank Height | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Above Ground | Below Ground | Petrol | Diesel/ Kero/ Jet Fuel | LPG | Lubricants/ Ad Blue | Waste Oil | Chemicals | Water | Solid Waste | Plastic | Barrels/ Drums/ GRP | Steel | Tote/IBC/ Trans cube | Bowser | ≤ 4m | < 8m | > 8m | > 12m |
| TEK 880 Cellular Radar | ✓ | ATEX | Cellular | ✓ | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| TEK 811 Cellular Ultrasonic | ✓ | ATEX | Cellular | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | | | |
| TEK 811 LR Cellular Ultrasonic | ✓ | ATEX | Cellular | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | |
| TEK 811 W Cellular Ultrasonic | ✓ | ATEX | Cellular | ✓ | | | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | |
| TEK 822 Cellular Logger (Remote Ready Dial) | ✓ | ATEX | Cellular | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| TEK 898 Cellular Logger + Pressure Sensor | ✓ | ATEX | Cellular | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| TEK 871 Cellular Ultrasonic Exi | ✓ | ATEX | Cellular | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| TEK 871 LR Cellular Ultrasonic Exi | ✓ | ATEX | Cellular | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| TEK 766 LoRa Ultrasonic (EU 868 MHz) | ✓ | GP | LoRa 868 MHz | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| TEK 766 IN LoRa Ultrasonic (IN 868 MHz) | ✓ | GP | LoRa 865 MHz | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | | | |
| TEK 839 W Waste LoRa Ultrasonic | ✓ | GP | LoRa 868 MHz | ✓ | | | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | |
| TEK 790 Gas LoRa Dial Gauge Exi | ✓ | ATEX | LoRa 868 MHz | ✓ | | | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ |
| TEK 893 LoRa Logger + Ultrasonic Sensor | ✓ | ATEX | LoRa 868 MHz | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | | | |
| TEK 750 WIFI Ultrasonic | ✓ | GP | WIFI | ✓ | | | ✓ | | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | | | |
| TEK 865 Ultrasonic Wired | ✓ | ATEX | Wired | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | |

\* Some products may not be suitable for monitoring of certain corrosive and hazardous chemicals. List of product compatible chemicals to be verified with a Rochester Sensors representative.

\* TEK880 Radar range extends to 20ft in water-based products. 13ft in oil-based products