**CYGNUS**
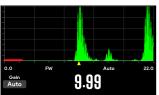INSTRUMENTS

# Cygnus 1 Ex Variants

## COMPARISON GUIDE

The Cygnus 1 Ex gauge is available to order in four variants. You can change the variant or add certain features at a later date by purchasing an update code from Cygnus.

| Feature | Variants | | | |
|---|---|---|---|---|
| | SC | TC | PLUS | PRO |
| **Measurement Units, Resolution, Velocity of Sound** | ✔ | ✔ | ✔ | ✔ |
| **Single Echo Measurements (SE)** compatible with Twin Crystal Probes | * | ✔ | ✔ | ✔ |
| **Echo-Echo Measurements (EE)** compatible with Twin Crystal Probes | * | ✔ | ✔ | ✔ |
| **Multiple-Echo Measurements (ME) including Deep Coat.** compatible with Single Crystal Probes | ✔ | * | ✔ | ✔ |
| **Measurement Limits** | ✔ | ✔ | ✔ | ✔ |
| **Material List** | ✔ | ✔ | ✔ | ✔ |
| **Calibration 1 & 2 Point** | ✔ | ✔ | ✔ | ✔ |
| **Indoor/Outdoor Display Colours** | ✔ | ✔ | ✔ | ✔ |
| **Measurement Freeze** | ✔ | ✔ | ✔ | ✔ |
| **Auto Probe Detection** | | ✔ | ✔ | ✔ |
| **A-Scan Display** | * | * | ✔ | ✔ |
| **Manual Gain Control** | * | * | ✔ | ✔ |
| **High Temperature Measurement \*\*** | * | * | * | ✔ |
| **Data Logging (Basic)** | | | ✔ | |
| **Data Logging (Advanced)** | * | * | * | ✔ |
| **B-Scan** | | * | ✔ | ✔ |
| **Manual Gates (A & B)** | | * | * | ✔ |
| **Fast Update Rate (32Hz)** | | | ✔ | ✔ |
| **Measurement Setups** | | | | ✔ |
| **User Access Control** | | | | ✔ |

*\* Feature can be purchased as an upgrade.*
*\*\* With suitable high temperature Ex probe when available.*

Go to Cygnus 1 Ex product page

| LEV | POS | North | East | South | West |
|---|---|---|---|---|---|
| LEV1 | POS2 | 11.87 | 11.91 | 11.78 | 13.65 |
| LEV2 | POS3 | 11.92 | 11.71 | 13.45 | 13.74 |
| LEV3 | POS4 | 11.26 | 12.27 | 11.78 | 13.28 |
| LEV4 | POS5 | 12.83 | 14.24 | 12.65 | 12.13 |
| LEV5 | POS6 | 10.09 | | - | - |

| Gain | Logged | | Comp | min |
|---|---|---|---|---|
| 40dB | 21 | — | 1% | 10.09 |