

Technical Specifications of GUL Wavemaker® G4 Mini

The Wavemaker® G4 Mini packs the sampling power of the Wavemaker® G4 into a smaller and lighter package. Available in multiple configurations, the Wavemaker® G4 Mini can be tailored to match your applications.

TECHNICAL SPECIFICATION SUMMARY (Subject to change)



Built-in diagnostic connection to verify instrument and cable performance

Receiver

Interfaces

Screen

USB Link

GPS

Diagnostic Interface



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COMPATIBILITY OF WAVEMAKER G4 MINI INSTRUMENTS AND VARIOUS TYPES OF RINGS

| | Wavemaker® G4 Mini - Basic | Wavemaker® G4 Mini - Fully Loaded |
|---|---------------------------------------|--|
| Processing Options | | |
| Unrolled pipe (EFC) | If licensed | If licensed |
| Absolute Calibration | If licensed | If licensed |
| Ring and Module Types | | |
| 'Standard' inflatable (R2B) and solid (R2F) | Yes | Yes |
| Compact Rings | No | Yes (w/FW update) |
| Claw (R2G) small diameter rings | Requires PLANT package | Yes |
| HD solid rings or HD modules in inflatables | Requires PLANT package | Yes |
| Lowest frequency setting in variable | Requires BURIED package | Yes |
| HT Rings | Yes | Yes |
| gPIMS Sensors (R2P) | Requires GPIMS package | Yes |
| Longitudinal Mode (with 4 rows) | Requires LO2 package | Yes |
| Special Configurations | | |
| Joining Two Rings | Requires BIGPIPE package + convertors | Requires convertors |
| Joining Three or Four Rings | No | No |
| Pitch-Catch collections | Requires BURIED package + convertors | Requires convertors (rings behave as Std. not EFC) |
| Able to read pressure sensor in HD / HT rings | No | Yes |



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WAVEMAKER G4 MINI PART NUMBER LIST

| Part Bart Manufacture | | |
|-----------------------|--|--|
| Base Part Numbers | | |
| G4M-FULL | A fully loaded G4mini (configured to support all of the packages listed below). | |
| | Supplied with a pair of 2m transducer cables, a battery, USB umbilical, and charger. | |
| G4M-BASE | A base level G4mini suitable for collection of data on bare (or painted) pipe using only standard rings. | |
| | Extra packages (listed below) can be added to extend the base system. | |
| Packages | These can be added to the G4M-BASE to extend functionality. They are all included in the G4M-FULL. | |
| G4M-BURIED | 400Vpp output, lower frequency collection, Pitch-catch configurations (4 rows). | |
| G4M-PLANT | 400Vpp output, higher frequency collection, support for HD, HT, R2G (claws) rings. | |
| G4M-GPIMS | Supports all required collections for a gPIMS sensor (including interface for ATEX rings and untrained operators). | |
| G4M-BIGPIPE | Supports joining rings together for large pipes. | |
| G4M-SPEED | Increase the maximum possible rep-rate and sample length. | |
| G4M-LONGITUDINAL | Supports required functionality for using the longitudinal mode. | |
| G4M-UPGRADES | Access to new versions of WavePro4 as they are released. | |
| Accessories | | |
| G4M-ZLAN | Adaptor box to allow the G4mini to be connected to a 10/100 Base-T Ethernet network. Comes with a 15m cable. | |
| G4M-PELI | 'Peli' brand rugged shipping case (with internal foam) to house the G4 Mini. | |
| CB03-SS | 3m transducer cable (straight end to straight end). | |
| CB03-SR | 3m transducer cable (straight end to right angle end). | |
| CB12-SS | 12m transducer cable (straight end to straight end). | |
| G4M-CHARGER | Spare charger for the G4 Mini. | |
| G4M-BATTERY | Spare battery for the G4 Mini. | |
| G4M-EXTCHGR | External charger for the battery used in the G4 Mini. | |
| G4M-EXTGPS | Spare external GPS to use with the G4 Mini. | |
| G4M-USB2M | Spare USB umbilical (2m long). | |
| G4M-USB5M | Spare USB umbilical (5m long). | |
| Software Options | | |
| EFC | Allows for the unrolled pipe (C-Scan) display for data collected from an instrument | |
| CAL | Allows for the absolute calibration of reflection amplitudes from an instrument | |