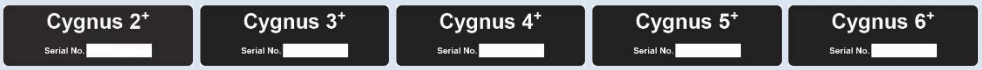
M5 Surface Gauge Firmware Version Info

08/10/24

Current / latest versions are at the top.

<table>
<tr><td></td><td colspan="2">Gauge Models
 </td></tr>
<tr><td></td><td colspan="2">V5.55 (M5-SG all models – Cygnus 2/3/4/5/6)
Oct 2024
• EE Measurement Mode updated and improved to decrease minimum thickness measurement range.
• B-Scan Issue with SE mode fixed</td></tr>
<tr><td></td><td colspan="2">V5.51 (M5-SG all models – Cygnus 2/3/4/5/6)
Apr 2023
• Fix for Bluetooth occasionally freezing when connection is closed</td></tr>
<tr><td></td><td colspan="2">V5.50 (M5-SG all models – Cygnus 2/3/4/5/6)
Oct 2022
• Updated for T5BH Probe update.
• Fix for occasional datalogger memory error</td></tr>
<tr><td></td><td colspan="2">V5.47 (M5-SG all models – Cygnus 2/3/4/5/6)
Aug 2022
• Fix for a Probe Detection issue found on V5.46</td></tr>
<tr><td></td><td colspan="2">V5.46 (M5-SG all models – Cygnus 2/3/4/5/6)
Aug 2022
• Fix for B-Scans sometimes not saving to SD Card</td></tr>
<tr><td></td><td colspan="2">V5.43 (M5-SG all models - Cygnus 2/3/4/5/6)
Jun 2022
• New release of M5-SG firmware</td></tr>
<tr><td></td><td colspan="2">Gauge Models
  </td></tr>
<tr><td></td><td>Cygnus 2</td><td>Cygnus 3 / 4 / 5 / 6</td></tr>
<tr><td></td><td>V531-R966 (C2)
Jun 2021
As C3/4/5/6 V5.31 ---></td><td>V531-R966 (C4/C6) V531-R968 (C3/C5)
Jun 2021
• Probe Zero method updated for new T5BH probes.
• Bug fix – Vibrate Alert when Auto Log enabled.</td></tr>
<tr><td></td><td>V530-R963 (C2)
Feb 2021</td><td>V530-R963 (C4/C3/C6), V530-R964 (C3/C5)
Feb 2021</td></tr>
</table>

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	As C3/4/5/6 V5.30 --->	• Probe Zero method updated for new HT probes. • ME Measurements updated for new S3C probes. • Bug fix - Factory Menu - Sxx probe gain adjustment. • Bug fix - gain boost when measuring plastics. • C5+ Removed Manual Gain Mode in ME Measuring Mode.
	V529-R960 (C2) June 2020 • As C3/4/6 V5.29 --->	**V529-R960 (C3/C4/C6), V529-R961 (C3/C5 CN)** June 2020 • Bugfix in Manual Gain Mode.
	V528-R959 (C2) April 2020 • As C3/4/6 V5.28 --->	**V528-R959 (C3/C4/C6), V528-R960 (C3/C5 CN)** April 2020 • Improvements to AutoGain in SE Mode. • Improvements to EE Mode.
	V526-R922 (C2) June 2019 • As C3/4/6 V5.26 --->	**V526-R921 (C3/C4/C6 EN Only)** June 2019 • C3+ EN Gauge Added
	V525-R913 (C2) February 2019 • As C3/4/5/6 V5.25 --->	**V525-R911 (C4/C6), V525-R910 (C3/C5 CN)** February 2019 • SE Mode update. • C5 fix for 'no probe files found' message
	V524-R899 (C2) December 2018 • As C3/4/5/6 V5.24 --->	**V524-R899 (C4/C6), V524-R900 (C3/C5)** December 2018 • ME Mode – updated so S2C measures 250mm steel blocks stably.
		V523-R891 (C4/C6) October 2018 • Support for new Bluetooth module. • High Temp Compensation now enables Manual Gain Mode. • Maximum manual gain value is 58dB. • 790 Probe profile revised.
	V5.22-R876 August 2018 • As C3/4/5/6 V5.22 --->	**V522-R880 (C4/C6) & V522-R881 (C3/C5)** August 2018 • Fixed measurement issue with older T5B Probes (up to s/n 20370C) in SE Mode.
		V521-R876 (C6) & V521-R877 (C3) July 2018 • Fixed B-Scan Issue on Cygnus 6+ and Cygnus 3+ models.
	V5.20-R874 June 2018	**V5.20-R874 (C4, C6) & V5.20-R875 (C3, C5)** June 2018

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	• As C3/4/5/6 V5.20 ---> • Automatically supports LCD or OLED Display depending on hardware configuration.	• Added Probe Gain Setting for T** probes when Single Point Calibration performed on Test Block (1/2" or 15mm).	
	V5.18-R845 June 2017 • As C4/6 V5.17 --->	**V5.17-R845** June 2017 • Changed ME Algorithm to remove occasional doubling and halving on heavy corrosion. Improved measurements through coatings. • Data Logging fix for incorrect Radial Point names. • Added High Temperature Compensation feature to Cygnus 4+ gauges.	
		V5.16-R831 June 2017 • B-Scan to CygLink : Fixed issue when sending more than 10 B-Scan files to CygLink.	
	V5.17-R756 March 2017 • As Cygnus 4 V5.15 --->	**V5.15-R756** March 2017 • Changed ME Algorithm to improve measurement performance and bring in line with Mk4 gauges.	
Version & Details	**V5.16-R745** February 2017 • As Cygnus 4 V5.14 --->	**V5.14-R745** February 2017 • Changed ME Algorithm to improve measurement performance on thinner corroded metal.	
	V5.15-R733 October 2016 • As Cygnus 4 V5.13 --->	**V5.13-R735** October 2016 • Probe Setups now loaded into the Gauge • APD Detection method improved • Prompts user to select probe when APD can't identify • EE measurement improved • Probe Zero measurement method improved • Added T5BH probe to C6 gauge	
		V5.12-R660 April 2016 • Added Two Point Cal. for ME Mode • Added Update Rate option for T** Probes • Added D790 Option in Probe Menu (C6+ only) • Added Display Colour option added • Enlarged A-Scan graph area • Reduced power use and scan rate to 4Hz in ME mode	
	V5.14-R649	-	-

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	February 2016 • Update for SE Mode		
	V5.13-R638 January 2016 • Fix for manual probe change in menu	-	-
	V5.12-R637 January 2016 • Fix for not displaying gauge info on boot	-	-
	V5.11-R631 December 2015 • Fix for probe data transfer	**V5.11-R633** December 2015 • Bluetooth Update	**V5.11-R633** December 2015 • Bluetooth Update
	V5.10-R627 December 2015 • Min Measuring Range	**V5.10-R627** December 2015 • Min Measuring Range • Data Logging on 4+ • CygLink v5 • Manual Gain on 4+	**V5.10-R627** December 2015 • Min Measuring Range • Data Logging • B-Scan • CygLink v5
	V5.05-R517 June 2015 • General update.	**V5.05-R513** June 2015 • General update.	**V5.05-R513** June 2015 • General update.
	V5.04-R508 June 2015 • General update.	**V5.04-R508** June 2015 • General update.	**V5.04-R508** June 2015 • Manual Gain feature added. • General update.
	V5.03-R497 May 2015 • Improvement to Echo-Echo Measurement.	**V5.03-R497** May 2015 • Improvement to Echo-Echo Measurement. • Minor fixes in Data Logging	
	V5.02-R488 May 2015 • First release	**V5.02-R488** May 2015 • First release	