



**EU – TYPE EXAMINATION CERTIFICATE**  
**RADIO EQUIPMENT DIRECTIVE 2014/53/EU**  
**Annex III Module B**

**MANUFACTURER**

Name	:	Gastron Co., Ltd.
Address	:	23, Gunpocheomdansaneop 1-ro, Gunpo-si, Gyeonggi-do, 15881 Korea
Contact Name & Title	:	Bae, Sang Min / Senior Research Engineer
Phone number & Email	:	+82-31-490-0837, smbae@gastron.com

**PRODUCT DESCRIPTION**

Trademark/Trade Name	:	G-Finder Multi
Model Number	:	GFM-400
Product Description	:	Portable multi gas detector

**TECHNICAL DOCUMENTATION**

Identification	:	GFM-400			
Signed by (Name & Title)	:	Bae, Sang Min / Senior Research Engineer	Date	:	November 20, 2019
Company Name	:	Gastron Co., Ltd.			

**NOTIFIED BODY**

Certificate issued by	:	Notified Body 1177, TIMCO Engineering, Inc.			
Certificate number	:	TCF-3161KC19			
Name and Signature	:	Bruno Clavier <i>Bruno Clavier</i>	Date	:	November 28, 2019

The device shall be marked as follows: **CE**

Based on the evidence presented in the Technical Documentation, TIMCO Engineering, Inc., as appointed Notified Body, has issued this EU-Type Examination Certificate in accordance with Annex III Module B. The product described appears to be in conformity with the essential requirements Article 3.1(a), 3.1(b), and 3.2 of RED 2014/53/EU. This certificate is only valid in conjunction with the related Evaluation Report. This certificate is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved type that may affect the conformity of the apparatus with the essential requirements of this Directive or the conditions for validity of that certificate, whichever comes first.

**TIMCO ENGINEERING, INC.**  
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**EU – TYPE EXAMINATION CERTIFICATE**  
**ANNEX 1**  
**TCF-3161KC19**

Date: November 28, 2019

**PRODUCT SPECIFICATIONS**

Intended Use / Category :	Wideband data transmission system (Bluetooth LE)
RF output power :	-11.08 dBm(E.I.R.P.)
Frequency range (MHz) :	2402 - 2480
Modulation :	GFSK
Antenna type :	Chip Antenna / 2.6 dBi

According to the Technical Documentation compiled by the Manufacturer, this radio equipment was assessed for compliance with the following standards, which were applied in full:

**ESSENTIAL REQUIREMENTS ASSESSED**

Aspects	Standard Number
Radio :	ETSI EN 300 328 V2.1.1
EMC :	Draft ETSI EN 301 489-1 V2.2.0 Draft EN 301 489-17 V3.2.0
Health :	EN 62479: 2010
Safety :	EN 61010-1:2010 (Third Edition)

**LIST OF DOCUMENTS REVIEWED**

Item	Exhibit Description	
1.	Copy of the Declaration of Conformity	<input checked="" type="checkbox"/>
2.	Agent/Representative authorization letter from Manufacturer (if application is filed by someone other than Manufacturer)	<input checked="" type="checkbox"/>
3.	Attestation letter for compliance with Article 10(2)	<input checked="" type="checkbox"/>
4.	Attestation letter and/or exhibits for compliance with Article 10(10) (i.e. info on packaging completed with users instructions)	<input checked="" type="checkbox"/>
5.	A general description of the radio equipment (e.g. Operational Description)	<input checked="" type="checkbox"/>
6.	Photographs or illustrations showing external features, marking and internal layout	<input checked="" type="checkbox"/>
7.	RED Annex VI Point 8 - Versions of software or firmware affecting compliance with essential requirements	<input type="checkbox"/>
8.	User information and installation instructions	<input checked="" type="checkbox"/>
9.	Conceptual design and manufacturing drawings and schemes of components, sub-assemblies, circuits and other relevant similar elements	<input checked="" type="checkbox"/>
10.	Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of the radio equipment	<input checked="" type="checkbox"/>
11.	RED Annex III module B - Analysis and assessment of the risk(s)	<input checked="" type="checkbox"/>
12.	Where the conformity assessment module in Annex III has been applied, copy of the EU-type examination certificate and its annexes as delivered by the notified body involved	<input type="checkbox"/>
13.	Results of design calculations made, examinations carried out, and other relevant similar elements	<input checked="" type="checkbox"/>



Item	Exhibit Description (Cont.)				
14.	Test reports	Item	Report No.	Issue Date	<input checked="" type="checkbox"/>
		EMC	CTK-2019-03948	Oct. 15, 2019	
		Radio	CTK-2019-04435	Nov. 12, 2019	
		Health	CTK-2019-04436	Nov. 12, 2019	
		Safety	CTK-2019-04448	Nov. 15, 2019	