

Thank you for purchasing the UTAdvanced Series.

Be sure to read the user's manual before using the product in order to ensure correct operation.

Product user's manuals can be downloaded or viewed at the following URL. To view the user's manual, you need to use Adobe Reader 7 or later by Adobe Systems.

URL: <http://www.yokogawa.com/ns/ut/im/>

About This Manual

- This manual should be read by the end user.
- This manual is intended for the following personnel;
Engineers responsible for installation, wiring, and maintenance of the equipment.
Personnel responsible for normal dairy operation of the equipment.
- Please read though this user's manual carefully before using the product.
- This manual explains the functions of the product. YOKOGAWA does not guarantee that the product will suit a particular purpose of the user.
- The contents of this manual are subject to change without notice as a result of continuing improvements to the instrument's performance and functions.
- Every effort has been made to ensure accuracy in the preparation of this manual. Should any errors or omissions come to your attention, however, please inform YOKOGAWA Electric's sales office or sales representative.
- Under no circumstances may the contents of this manual, in part or in whole, be transcribed or copied without our permission.

Safety Precautions

- The following symbol is used on the instrument. It indicates the possibility of injury to the user or damage to the instrument, and signifies that the user must refer to the user's manual for special instructions. The same symbol is used in the user's manual on pages that the user needs to refer to, together with the term "WARNING" or "CAUTION."



WARNING

Calls attention to actions or conditions that could cause serious or fatal injury to the user, and indicates precautions that should be taken to prevent such occurrences.



CAUTION

Calls attention to actions or conditions that could cause injury to the user or damage to the instrument or property and indicates precautions that should be taken to prevent such occurrences.



AC



AC/DC



The equipment wholly protected by double insulation or reinforced insulation.



Functional grounding terminal (Do not use this terminal as a protective grounding terminal.)

Safety, Protection, and Modification of the Product

- In order to protect the system controlled by this product and the product itself, and to ensure safe operation, observe the safety precautions described in the user's manual. Use of the instrument in a manner not prescribed herein may compromise the product's functions and the protection features inherent in the device. We assume no liability for safety, or responsibility for the product's quality, performance or functionality should users fail to observe these instructions when operating the product.
- Installation of protection and/or safety circuits with respect to a lightning protector; protective equipment for the system controlled by the product and the product itself; foolproof or failsafe design of a process or line using the system controlled by the product or the product itself; and/or the design and installation of other protective and safety circuits are to be appropriately implemented as the customer deems necessary.
- Be sure to use the spare parts approved by YOKOGAWA when replacing parts or consumables.
- This product is not designed or manufactured to be used in critical applications that directly affect or threaten human lives. Such applications include nuclear power equipment, devices using radioactivity, railway facilities, aviation equipment, air navigation facilities, aviation facilities, and medical equipment. If so used, it is the user's responsibility to include in the system additional equipment and devices that ensure personnel safety.
- Modification of the product is strictly prohibited.
- This product is intended to be handled by skilled/trained personnel for electric devices.
- This product is UL Recognized Component. In order to comply with UL standards, end-products are necessary to be designed by those who have knowledge of the requirements.



WARNING

- Power Supply
Ensure that the instrument's supply voltage matches the voltage of the power supply before turning ON the power.
- Do Not Use in an Explosive Atmosphere
Do not operate the instrument in locations with combustible or explosive gases or steam.
Operation in such environments constitutes an extreme safety hazard.
Use of the instrument in environments with high concentrations of corrosive gas (H₂S, SOX, etc.) for extended periods of time may cause a failure.
- Do Not Remove Internal Unit
The internal unit should not be removed by anyone other than YOKOGAWA's service personnel.
There are dangerous high voltage parts inside.
- Damage to the Protective Construction
Operation of the instrument in a manner not specified in this user's manual may damage its protective construction.



CAUTION

This instrument is an EMC class A product.
In a domestic environment this product may cause radio interference in which case the user needs to take adequate measures.

Warning and Disclaimer

- YOKOGAWA makes no warranties regarding the product except those stated in the WARRANTY that is provided separately.
- The product is provided on an "as is" basis. YOKOGAWA assumes no liability to any person or entity for any loss or damage, direct or indirect, arising from the use of the product or from any unpredictable defect of the product.

Authorised Representative in the EEA

Yokogawa Europe BV. (Address: Euroweg 2 , 3825 HD Amersfoort, The Netherlands) is the Authorised Representative of Yokogawa Electric Corporation for this Product in the EEA.

Downloadable Electronic Manuals

You can download the latest manuals from the following website:

URL: <http://www.yokogawa.com/ns/ut/im/>

Manual Name	Doc. Number
UT75A Digital Indicating Controller User's Manual	IM 05P01B41-01EN
UT75A Digital Indicating Controller Operation Guide	IM 05P01B41-11EN
UT55A/UT52A Digital Indicating Controller User's Manual	IM 05P01C31-01EN
UT55A/UT52A Digital Indicating Controller Operation Guide (Standard code model)	IM 05P01C31-11EN
UT55A/UT52A Digital Indicating Controller Operation Guide (Detailed code model)	IM 05P01C31-15EN
UT55A/MDL, UT52A/MDL Controller (Mount on DIN Rail) Operation Guide (Standard code model)	IM 05P01C81-11EN
UT35A/UT32A Digital Indicating Controller User's Manual	IM 05P01D31-01EN
UT35A/UT32A Digital Indicating Controller Operation Guide (Standard code model)	IM 05P01D31-11EN
UT35A/UT32A Digital Indicating Controller Operation Guide (Detailed code model)	IM 05P01D31-15EN
UT35A/RSP, UT32A/RSP Digital Indicating Controller (Non-isolated RSP) Operation Guide (Standard code model)	IM 05P01D31-81EN
UT35A/MDL, UT32A/MDL Controller (Mount on DIN Rail) Operation Guide (Standard code model)	IM 05P01D81-11EN
UT32A Digital Indicating Controller (Entry model) User's Manual (Standard code model)	IM 05P01F31-01EN
UT32A Digital Indicating Controller (Entry model) Operation Guide (Standard code model)	IM 05P01F31-11EN
UT32A-D, UT32A-D/MDL Digital Indicating Controller User's Manual	IM 05P08D31-01EN
UT32A-D Digital Indicating Controller (Dual-loop type) Operation Guide	IM 05P08D31-11EN
UT32A-D/MDL Controller (Dual-loop type, Mount on DIN Rail) Operation Guide	IM 05P08D81-11EN
UP55A Program Controller User's Manual	IM 05P02C41-01EN
UP55A Program Controller Operation Guide (Standard code model)	IM 05P02C41-11EN
UP55A Program Controller Operation Guide (Detailed code model)	IM 05P02C41-15EN
UP35A/UP32A Program Controller User's Manual	IM 05P02D41-01EN
UP35A/UP32A Program Controller Operation Guide (Standard code model)	IM 05P02D41-11EN
UP35A Program Controller Operation Guide (Detailed code model)	IM 05P02D41-15EN
UM33A Digital Indicator with Alarms User's Manual	IM 05P03D21-01EN
UM33A Digital Indicator with Alarms Operation Guide	IM 05P03D21-11EN
LL50A Parameter Setting Software Installation Manual	IM 05P05A01-01EN
LL50A Parameter Setting Software User's Manual	IM 05P05A01-02EN
UTAdvanced Series Communication Interface (RS-485, Ethernet) User's Manual	IM 05P07A01-01EN
UTAdvanced Series Communication Interface (Open Network) User's Manual	IM 05P07A01-02EN
Precautions on the Use of the UTAdvanced Series	IM 05P01A01-11EN

General Specification Name	Doc. Number
UT75A Digital Indicating Controller	GS 05P01B41-01EN
UT55A/UT52A Digital Indicating Controller (Panel Mount Type)	GS 05P01C31-01EN
UT55A/MDL, UT52A/MDL Controller (Mount on DIN Rail)	GS 05P01C81-01EN
UT35A/UT32A Digital Indicating Controller (Panel Mount Type)	GS 05P01D31-01EN
UT35A/RSP, UT32A/RSP Digital Indicating Controller (Non-isolated RSP)	GS 05P01D31-81EN
UT35A/MDL, UT32A/MDL Controller (Mount on DIN Rail)	GS 05P01D81-01EN
UT32A Digital Indicating Controller (Entry model)	GS 05P01F31-01EN
UT32A-D Digital Indicating Controller (Dual-loop type)	GS 05P08D31-01EN
UT32A-D/MDL Controller (Dual-loop type, Mount on DIN Rail)	GS 05P08D81-01EN
UP55A Program Controller	GS 05P02C41-01EN
UP35A/UP32A Program Controller	GS 05P02D41-01EN
UM33A Digital Indicator with Alarms	GS 05P03D21-01EN
LL50A Parameter Setting Software	GS 05P05A01-01EN

* The last two characters of the manual number and general specification number indicate the language in which the manual is written.

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