

IQ Analyzer Model 6200 Introduction

Frequently Asked Questions - "FAQs"

January 28, 1997

The following are answers to several Frequently Asked Questions (FAQs) regarding the IQ Analyzer Model 6200 introduction. We hope this information will help you better serve our common customers. If you have any additional questions please feel free to contact the Advanced Products Support Center for technical information at 1-800-809-2772, or the IQ Metering and Protection product line direct:

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Why is the new product called an IQ Analyzer Model 6200?

The IQ Analyzer Model 6200 will be an addition to the IQ Analyzer product offering. It will not replace the existing product. In order to differentiate between the product with, and without, wave form display we have added a four-digit number to the catalog number and "name". Beginning immediately, all IQ Analyzers shipped from the factory will be identified as Model 6XXX. The second digit in the four digit number will identify the functionality level. IQ Analyzer Model 6200 will provide the wave form display and IQ Analyzer Model 6000 will not. The third digit will be used in the catalog number to identify which power module, three phase or single phase, is to be supplied.

The IQ Analyzer Model 6000 product is the equivalent of today's product with catalog numbers IQA or IQAS.

The following table shows the new catalog numbers and prices for the IQ Analyzer:

Catalog Number	Style Number	Description	List Price	Old" Cat #
IQA6030	2D82302G01	IQ Analyzer with three-phase power module	\$3,690	IQA
IQA6010	2D82302G02	IQ Analyzer with separate source power module	\$3,690	IQAS
IQA6230	2D82302G03	IQ Analyzer with graphic wave form display and three phase power module	\$4,200	n/a
IQA6210	2D82302G04	IQ Analyzer with graphic wave form display and separate source power module	\$4,200	n/a

What are the differences between the new IQ Analyzer Model 6200 and IQ Analyzer Model 6000?

The IQ Analyzer Model 6200 provides two additional features not available in the Model 6000:

1. Graphic display of current and voltage wave forms at the device.
2. Graphic display of harmonic spectrum analysis for voltages and currents at the device.

Are there any differences between the existing IQA and IQAS and the new IQA6010 and IQA6030?

There are no functional differences between the product with Cat #'s IQA and IQAS and the new IQA6010 and IQA6030. We have, over the course of the past year, modified the IQ Analyzer to add some relatively minor functions and to change how some functions are configured. A copy of an addendum to the IQ Analyzer Instruction Manual TD 17530 that is now shipping with the product is available as a FRED document. This addendum describes all of the changes and additions that have been made since the product was introduced in February 1995. To obtain a copy of this addendum please call FRED at (412) 494-3745 and request document number 3109.

To recap, there is no difference between IQA and the IQ6030, and the IQAS and IQ6010. These products are equivalent.

How can you tell by looking at the product if it has wave form display capability or not?

The product faceplate will identify the product only as an IQ Analyzer, not whether it is a Model 6000 or a Model 6200. This information will be shown on the display at power up and is on a label attached to the back of the product. You can also tell during operation, by selecting EVENT, SEL. If "GRAPHIC WAVEFORM" and "HARMONIC SPECTRUM" are shown as options, it is a Model 6200. If not, it is a Model 6000.

How many cycles of wave form can be viewed on the IQ Analyzer Model 6200 display?

The IQ Analyzer Model 6200 will display two cycles of "high speed sampled" data. One cycle at a time is displayed and the "soft" keys below the screen are used to toggle between the first and second cycle. Similarly, the Model 6200 will display eight cycles of "normal speed sampled" data. Four cycles at a time are displayed and the "soft" keys below the screen are used to toggle between the first four and second four cycles. The "soft" key labeled "ZOOM" is used to toggle between the two cycle and eight cycle displays.

What literature is available on the new IQ Analyzer with wave form display?

A new sales aid, SA 12143 is available and in stock at Trafford Printing. Changes are currently being made to the existing Descriptive Bulletin to highlight the new features.

How do I get my IQ Analyzer demo case updated to show the graphic wave form display?

Ship your demo case to the following address. We will upgrade the firmware to include the wave form display and ship it back to you as soon as possible (typically 4-5 days). Make sure your name and shipping address is on the demo case.

Cutler Hammer
170 Industry Drive
Pittsburgh, PA 15275
Attn: Ed Staab

Will we offer an upgrade from the existing product to the new Model 6200?

Yes, the Watertown repair center will provide upgrades from IQA or IQAS styles to the new IQ Analyzer Model 6200 for a price of \$1,300 Net User (\$975 Net Distributor). This price will include the upgrade, inspection and testing of the device. Normal repair warranty will apply.