



FLOW SENSORS, MOLY CONVERTERS, MOLY PCB'S, CPU'S

As we grow and develop additional analyzers, calibrators, etc., we have generated some basic assemblies with minor modifications to allow us to use these modules in different models.

1. FLOW SENSORS MODULE

The flow sensor pcb (basic) is used in all of our analyzers with some minor differences. See the following for identification.

<u>Model No.</u>	<u>Part No.</u>
Basic/common to all - no flow meters or pressure transducers	00402
100	00402-01
100A	00402-03
200	00402-02
200A	00402-02
300	00402-05
400 - double pump with IZS	00402-04
400	00402-03
401	00402-06
700 (basic model)	00402-07
700 (with any of the following options: ozone with or without photometer, permtube)	00402-07 & 00402-08

2. MOLY CONVERTERS

The moly converter has different part numbers. See below for ease in identification:

00259-03	(M200) Has temperature control board attached (00256-01).
00259-01	(M200) Has no temperature control board. Used for replacement molys.
00259-02	(Monitor Labs NO _x) Is the 00259-03 with ± 15 V power supply module.
001132	(M200A) with valves.
001401	(M200A) without valves. Used for replacement molys (no valves).

Note: 00259-03 is the upgrade for 0025900; which is obsolete. The old M200 analyzers were using 0025900. The latest machines are using 00259-03.

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3. MOLY CONVERTERS TEMP CONTROL BOARD

The Model 00256 moly converter temp control board has been replaced with a fully compatible assembly. The new board was designed with provision for a ± 15 VDC power supply for use in Monitor Labs NO_x Analyzers. There are two versions of this board.

<u>MODEL NO.</u>	<u>COMMENTS</u>	<u>PART NO.</u>
100, 200, 501 Monitor Labs	without ± 15 VDC power supply with ± 15 VDC power supply	00256-01 00256-02

4. CPU BOARD

All models use a basic CP001 that is re-jumpered uniquely for each family of analyzers or calibrators.

<u>Model No.</u>	<u>Part No.</u>
100	00587
100A	00587-01
200	00587
200A	00587-01
300	00587-01
All 400's	00587-01
401	00587-01
700	00587-02

5. V/F SUB-ASSEMBLY AND DIGITAL I/O, A/D

The A/D and I/O assemblies have been replaced in our newer models with the V/F assemblies. For ease of identification, see below:

<u>Model No.</u>	<u>Part No.</u>
100	00588 (A/D) and 00589 (I/O)
100A	00514-01 (V/F) (old) and 00514-02 (V/F) (new)
200	00588 (A/D) and 00589 (I/O)
200A	00514-01 (V/F) (old) and 00514-02 (V/F) (new)
300	00514-00 (V/F) (old) and 00514-02 (V/F) (new)
400	00514-00 (V/F) (old) and 00514-02 (V/F) (new)
401	00514-00 (V/F) (old) and 00514-02 (V/F) (new)
700	00514-02 (V/F)

Note: The 00514-02 has dip switches for output channels. Compare jumpers on 0051400 and 0051401.