



TELEDYNE
INSTRUMENTS
Advanced Pollution Instrumentation

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Service Note

95-038 Rev B
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M400, M401, AND M700 NEW UV LAMPS AND UV LAMP DRIVERS

API recently introduced a new UV lamp driver (please refer to the table on the bottom of the page for API part number) and a new UV lamp for M400, M401 and M700 machines. To determine if your unit has a new UV lamp driver and UV lamps, please, take the cover off and take a look inside. An old UV lamp driver has the yellow power resistors on the side, and a new one does not. API switched for a new UV lamp driver and new UV lamps around June 1995. (NOTE: Neither new nor old UV lamp drivers are interchangeable between M400, M401, and M700.)

One of the differences between an old UV lamp driver and a new one is the UV lamp connector. (The same connector is the only difference between old and new UV lamps.) Therefore a new UV lamp driver, and new UV lamps are not compatible with the old ones. API no longer makes an old UV lamp and an old UV lamp driver.

To use a new UV lamp with an old UV lamp driver, API introduced an adapter, "PIGTAIL, W/ UV LAMP, M400, M401," API part number # 01888.

To use a new UV lamp driver with an old UV lamp, API introduced another adapter, "PIGTAIL, W/ UV LAMP POWER SUPPLY, 400,401," API part number # 01893. (NOTE: If you need to replace an old UV lamp driver, and you have IZS option, please order two of the 01893 adapters.)

PART NAME	OLD	NEW
UV LAMP DRIVER	0056400 (M400, M700) 0056401 (M401)	0150900 (M400, M700) 0150901 (M401)
UV LAMP, IZS	0061200 (M400, M401, M700)	0061201 (M400, M401, M700)
UV LAMP, OPTICAL BENCH	0052600 (M400, M401, M700)	0052601 (M400, M401, M700)