



OSCILLOGRAPHER

NEW TYPE NUMBERS FOR DU MONT CATHODE-RAY TUBES

To satisfy the need for standardization of a cathode-ray tube type numbering system, R. M. A. type numbers have been assigned to all Du Mont cathode-ray tubes. The following is a list of cathode-ray tubes manufactured to date under old Du Mont type numbers and the new type number which corresponds.

It will be noted from the following list that many tubes have been discontinued or replaced. This action is necessary due to the move to standardize on a limited number of tube types. Consequently, where a tube which is considered to be superior to another slightly different type, but sufficiently similar to be used in its place, we have discontinued the first tube and have indicated this by the words "Replaced By." Those tubes which are "Identical" are so indicated on the comparison list. Those tubes which are "Discontinued" are for

the most part highly specialized experimental types for which there is no great demand. If you have any doubt regarding the proper tube to use in a particular application, or are confronted with the problem of replacing a tube already in service, our Engineering Department will aid you in the solution of your problem.

The cathode-ray tubes listed here do not constitute the total number of tube types manufactured by Du Mont, but are only those which have been previously known by Du Mont type numbers.

The problems confronting the cathode-ray tube industry and its war production are many fold, and your selection of one of the types marked by an asterisk (*) for use in new equipment and whenever possible for replacement purposes will be of great assistance.

EXPLANATION FOR NEW TYPE NUMBERS

The R. M. A. type numbers contain the following information concerning the tube to which they are assigned:

1. The first number indicates the screen diameter.
2. The first letter is an arbitrary designation which classifies the characteristics of the tube.
3. The second letter which is always "P", stands for phosphor.
4. The number immediately following the "P" indicates the type of screen used.

EXAMPLE—3AP1

3=Three-inch screen diameter.

A=Arbitrary designation.

P=Phosphor.

1=Medium persistence green screen.

Du Mont formerly indicated standard screen materials by alphabetical designation. The comparison of these to the R. M. A. numerical designation is as follows:

Du Mont	R.M.A.	Description
A	1	Medium-persistence green
B	2	Long-persistence green
C	5	Short-persistence blue
D	4	Medium-persistence white

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<i>Old Type Number</i>	<i>Status</i>	<i>New Type Number</i>	<i>Old Type Number</i>	<i>Status</i>	<i>New Type Number</i>
2501A3	Replaced by	3AP1*	2520B20	Replaced by	20AP2
2501C3	Replaced by	3AP5	2520C20	Replaced by	20AP5
2501D3	Replaced by	3AP4	2520D20	Replaced by	20AP4
2502-2 series	Discontinued	.....	2524R5	Discontinued	.....
2503-3 series	Discontinued	.....	2525A5	Identical	5BP1*
2504-3 series	Discontinued	.....	2525B5	Identical	5BP2
2505A5	Identical	5MP1	2525C5	Identical	5BP5
2505C5	Identical	5MP5	2525D5	Identical	5BP4*
2505D5	Identical	5MP4	2526-9 series	Discontinued	.....
2506-5 series	Discontinued	.....	2527-5 series	Discontinued	.....
2507-5 series	Discontinued	.....	2528-5 series	Discontinued	.....
2508-5 series	Discontinued	.....	2529A5	Identical	5JP1*
2509-5 series	Discontinued	.....	2529B5	Identical	5JP2
2510-5 series	Discontinued	.....	2529C5	Identical	5JP5
2511A5	Identical	5LP1*	2529D5	Identical	5JP4*
2511B5	Identical	5LP2	2530A9	Discontinued	.....
2511C5	Identical	5LP5	2530B9	Discontinued	.....
2511D5	Identical	5LP4	2530C9	Discontinued	.....
2512-9 series	Discontinued	.....	2530D9	Discontinued	.....
2513-9 series	Discontinued	.....	2531A14	Identical	14AP1*
2514A9	Replaced by	9DP1*	2531B14	Identical	14AP2
2514B9	Replaced by	9DP2	2531C14	Identical	14AP5
2514C9	Replaced by	9DP5	2531D14	Identical	14AP4*
2514D9	Replaced by	9DP4	2532A20	Identical	20AP1*
2515-9 series	Discontinued	.....	2532B20	Identical	20AP2
2516-9 series	Discontinued	.....	2532C20	Identical	20AP5
2517-9 series	Discontinued	.....	2532D20	Identical	20AP4*
2518-14 series	Discontinued	.....	2533-5 series	Discontinued	.....
2519A14	Replaced by	14AP1	2534-9	Discontinued	.....
2519B14	Replaced by	14AP2	2535-5	Discontinued	.....
2519C14	Replaced by	14AP5	2536-3	Discontinued	.....
2519D14	Replaced by	14AP4	2537A3	Identical	3GP1*
2520A20	Replaced by	20AP1	2537C3	Identical	3GP5
			2537D3	Identical	3GP4

PURCHASE ORDER INFORMATION

In order to familiarize the buyer of Du Mont Cathode-Ray Oscillographs and Tubes with the information necessary for expeditious servicing of purchase orders placed on the Allen B. Du Mont Laboratories, the following check list is given. Will those who initiate requisitions for Du Mont equipment kindly cooperate with their purchasing department in supplying this information? Attention to these matters will serve to eliminate much correspondence and delay.

1. Preference rating and certification required by Priorities Regulation No. 3 as amended.
2. End Use information.
3. Serial number of prime contract, and contracting government agency for which equipment will be used, or become a part, either on prime or subcontracting work.
4. Execution of Limitation Order L-144 Certification (not needed on cathode-ray tubes).
5. Statement as to whether or not equipment will be used for production testing.
6. Precedence information required by Limitation Order L-183-A.

This information will be of great aid in securing critical component parts for manufacturing your instrument. Please help us and help yourself.

DU MONT REFERENCE MANUAL AVAILABLE SHORTLY

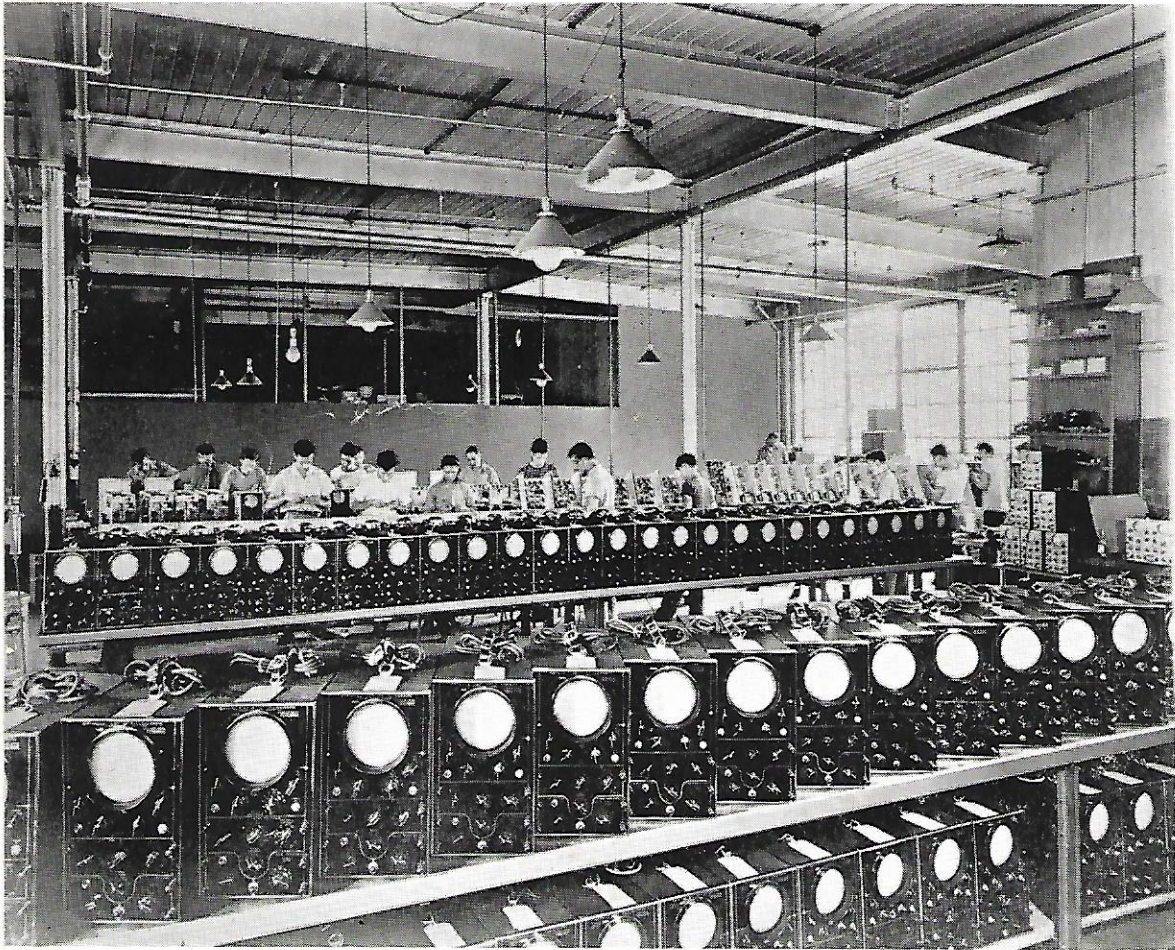
Rapidly nearing completion after months of preparation by the Engineering Staff, the Du Mont Reference Manual will be ready for distribution on or about January 20, 1942.

Valuable design data on cathode-ray equipment and a discussion of the various factors upon which the final specification rests are thoroughly handled. Complete characteristics and descriptions of all Du Mont cathode-tubes and oscillographs, and application notes on their use will be included in the manual as well as examples of special equipment which have been developed for

particular laboratory and production testing projects.

Bound in a handsome, rugged, loose leaf binder, it should prove a valuable asset to any engineer's technical reference library. From time to time, as new developments are announced, additional data will be forwarded for insertion in the binder.

Thus the possessor can be assured that the latest information on cathode-ray technique will be immediately available at his fingertips. Will the Oscillographer readers who are interested in receiving the manual kindly drop a note to the Laboratories?



Under the impact of war orders, the Du Mont Instrument Shop is continually increasing its production rate. Above is shown a portion of the shop with a large number of the familiar type 208 Oscillograph ready for packing for shipment under one single order to an undisclosed destination, some time ago. Many of the men in the background are now in the armed forces applying their knowledge and experience gained at Du Mont.

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