



KODAK PROFESSIONAL PORTRA Films: Film and PDEN Matrices For Use With KODAK PROFESSIONAL PORTRA ENDURA and SUPRA ENDURA Papers

1) Description

This CCPR is for use with KODAK PROFESSIONAL PORTRA Films 160NC, 160VC, 400NC, and 400VC, and KODAK PROFESSIONAL PORTRA ENDURA and SUPRA ENDURA Papers.

Note: CCPR VALUES ARE NOMINAL. THEY SHOULD BE USED AS A STARTING POINT FROM WHICH CUSTOMERS MAY OPTIMIZE THEIR ANALYZER/PRINTER SYSTEM BASED UPON THE PLANT'S FILM POPULATIONS.

Scaled-PDEN updates are provided for Kodak Analyzers and Printers operating in Analyzer or Photocell-Integration mode. In Analyzer Mode (i.e., inputting analyzer numbers from KODAK Professional Video Analyzing Computer to the printer) PDEN updates are provided for PVACs equipped with the Charge Coupled Device (CCD) scanner, and consequently, PDENs for the corresponding printers are not required. In Photocell-Integration mode, PDENs are provided for inputting into the printers.

After inputting the PDENs into the equipment, system print balance, neutral, and chromatic corrections should be checked (using the appropriate KODAK Printer Control Negative Set for KODAK PROFESSIONAL PORTRA Films, see below) and reset to lab aims as necessary. A slight paper speed compensating adjustment may be required, through the dead-heat balancing filtration settings (to maintain dead heat for the primary-film type.)

The following scaled-PDEN coefficient values are listed for direct entry into the appropriate equipment. The formats shown here attempt to emulate what the user will see on the equipment-interface screen.

2) Film Matrices

KODAK PROFESSIONAL Video Analyzing Computer (PVAC) XL - CCD, Series 6 with Modification 2

1-3	1.047	0.032	-0.013
4-6	-0.008	0.984	0.050
7-9	0.116	0.058	0.844

KODAK PROFESSIONAL Video Analyzing Computer (PVAC) Series 3, 4, and XL Series 5

1-3	1.183	0.010	-0.014
4-6	0.023	1.083	-0.032
7-9	-0.085	0.162	0.903

Printers Equipped with KODAK ACCUDATA Printer Controllers

1>	85
2>	-21
3>	-6
4>	8
5>	152
6>	15
7>	-1
8>	8
9>	92

Printers Equipped with KODAK Digital Printer Controllers, and the KODAK 312 Color Printer (Mod 7 with new Red Cell):

Note: If an “Out-of-Range” message occurs while entering any of these values, it will be necessary to contact your local Kodak Field Engineer.

1,1	-206
2,1	61
3,1	11
1,2	-22
2,2	-394
3,2	-37
1,3	2
2,3	-15
3,3	-213

3) Printer Control Tools

The following KODAK PROFESSIONAL PORTRA Printer Control Negatives and Negative Sets are available:

KODAK PROFESSIONAL PORTRA Printer Control Negative, or Negative Set	Kodak Catalog (CAT) Number
Printer Control Negative (120) Very Under	107 1398
Printer Control Negative (120) Under	841 1902
Printer Control Negative (120) Normal	846 0958
Printer Control Negative (120) Over	177 1302
Printer Control Negative (120) Very Over	144 5741
Printer Control Negative Set (135)	179 8511

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If you have questions or need assistance, contact your local Kodak representative.

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