

## CPAC RA-PRO™ Digital Developer

### **Pump up your D-Max!**

CPAC RA-PRO™ Digital Developer is a two-part developer specifically designed to process RA-4 compatible emulsions in professional labs using digital output. RA-PRO Digital Developer increases D-max density by as much as 20–25 points, while maintaining the D-min, Speed Step, and Contrast.



The CPAC Imaging R&D team has reengineered its award-winning formulations to meet the special requirements of digital printing. This advanced formulation, along with its new proprietary whitening agent, maximizes the dynamic density range of RA compatible emulsions, producing blacker blacks and whiter whites. It also has an advanced antioxidant for greater stability and longer processing life in roller transport applications. One 2.5 gallon cube of Part A and one 2.5 gallon cube of Part B make a 25-gallon mix, to process 440 sq. meters (4,732 sq. ft.) of color paper.

### **Features and Benefits**

- New proprietary whitening agent produces brilliant whites.
- Replenishes at same rate as traditional roller transport processing formulas.
- Works with any RA compatible emulsion, but is optimized for digital output.
- Drops in over your existing chemistry, requiring no changes to the process during conversion.
- As a drop-in replacement, there is no need to change existing replenishment rates or operating temperatures.
- The 2.5 gallon cubitainer packaging is perfect for use in Rockwell-Hitec mixers.\*
- CPAC's formulas are exceptionally clean running and maintain premium performance.

\* Rockwell mixers are available in North America through CPAC Imaging. Ask your dealer for details.



Made in the U.S.A.

[www.cpacimaging.com](http://www.cpacimaging.com)

# CPAC RA-PRO™ Digital Developer Replenisher Technical Data Sheet

## Description

CPAC's RA-Pro Digital Developer Replenisher is designed for processing facilities that demand the highest quality images from their digitally exposed emulsions. Used in traditional roller transport machines, its advanced formula and proprietary whitening agents will produce exceptional blacks and brilliant whites.

## Compatibility

CPAC's RA-Pro Digital Developer Replenisher can be used to process any RA compatible emulsion, including Color Print Paper, Translucent Display Films, and Flexible Display materials. In addition, it can be replenished over the top of existing RA-RT formulas.

## Safe Handling Instructions

Proper handling procedures should be followed, including the use of Personal Protective Equipment (PPE). Please refer to the MSDS for specific chemical details. To obtain an MSDS, please contact CPAC Imaging at (800) 477-5440. For emergencies, call Chemtrec at (800) 424-9300.

	Part A	Part B
Health:	2	2
Flammability:	0	0
Reactivity:	0	0
Personal Protection:	B	B

Although believed to be true and accurate, the technical information contained in this data sheet is furnished without warranty of any kind. The user should consider this data a supplement to other information gathered and must make independent determination of suitability and completeness of information from this and other sources. This statement is incorporated as part of this Technical Data Sheet.

## Ordering Information

A 25-gallon mix of replenisher solution requires one Part A and one Part B.

CPAC RA-PRO Digital Developer Replenisher

Part A: Catalog # 30DE338

Part B: Catalog # 30DE339

**Note: RA Developer Starter is required to make a fresh working solution**

Catalog #15DE174

## Processing Specifications:

Material	Time	Temperature	Replenishment Rate
RA Paper	45"	95° F 35° C	20 ml/ft <sup>2</sup> 215 ml/m <sup>2</sup>
TDF or FDM	110" – 130"	95° F 35° C	40 – 50 ml/ft <sup>2</sup> 430 – 538 ml/m <sup>2</sup>

TDF – Translucent Display Films FDM – Flexible Display Materials

Solution	pH	SpGr @ 25° C
Replenisher	10.70 ± 0.05	1.032 ± 0.05
Seasoned Working Tank	10.20 ± 0.08	1.035 ± 0.10

Agitation: Mechanical circulation pump with turbulence.

MIXING INSTRUCTIONS				
Replenisher Solution (25 Gallons)				
Water 20 gallons (70-90° F)	+	Part A 1 cubitainer	+	Part B 1 cubitainer
Replenisher Solution (1 liter)				
Water 800 mL	+	Part A 100 mL	+	Part B 100 mL
Working Tank Solution (1 liter)				
800 mL mixed replenisher	+	25 mL developer starter	+	175 mL water
To make a fresh Working Tank Solution, multiply the working tank volume (in Liters) by the specified volume of replenisher, starter, and water.				

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Imaging

Orders and Technical Support (800) 477-5440