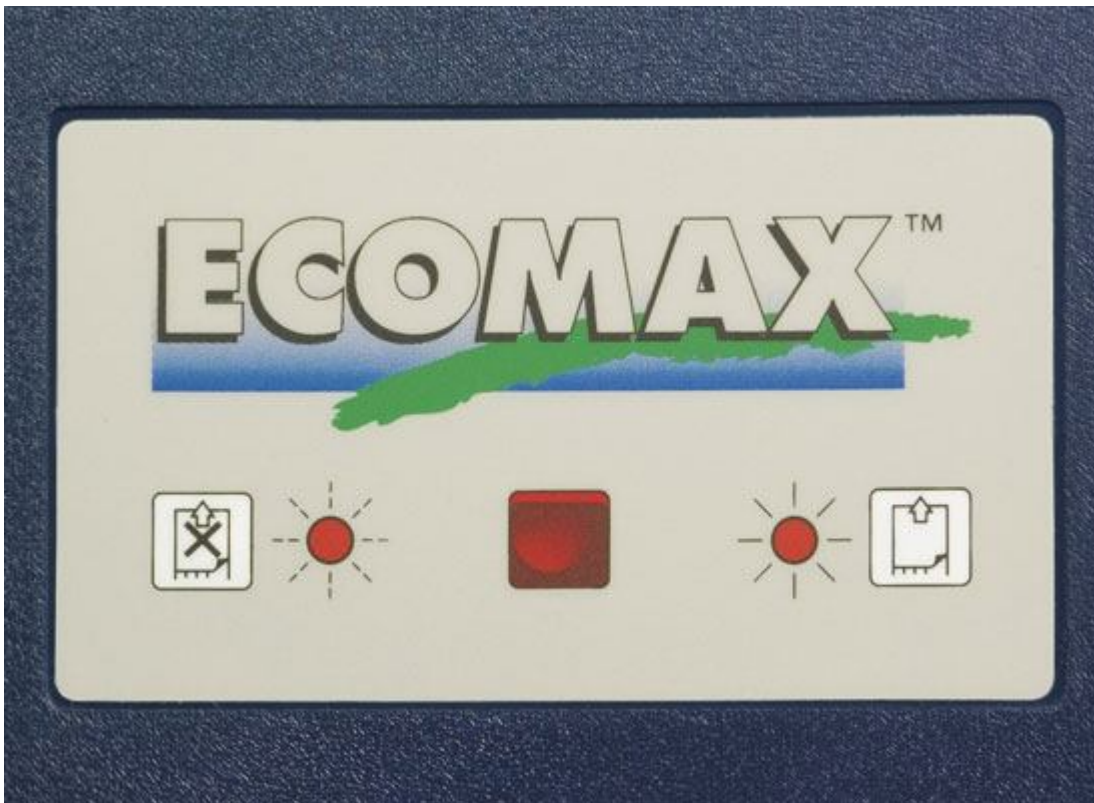


Ecomax Detailed View

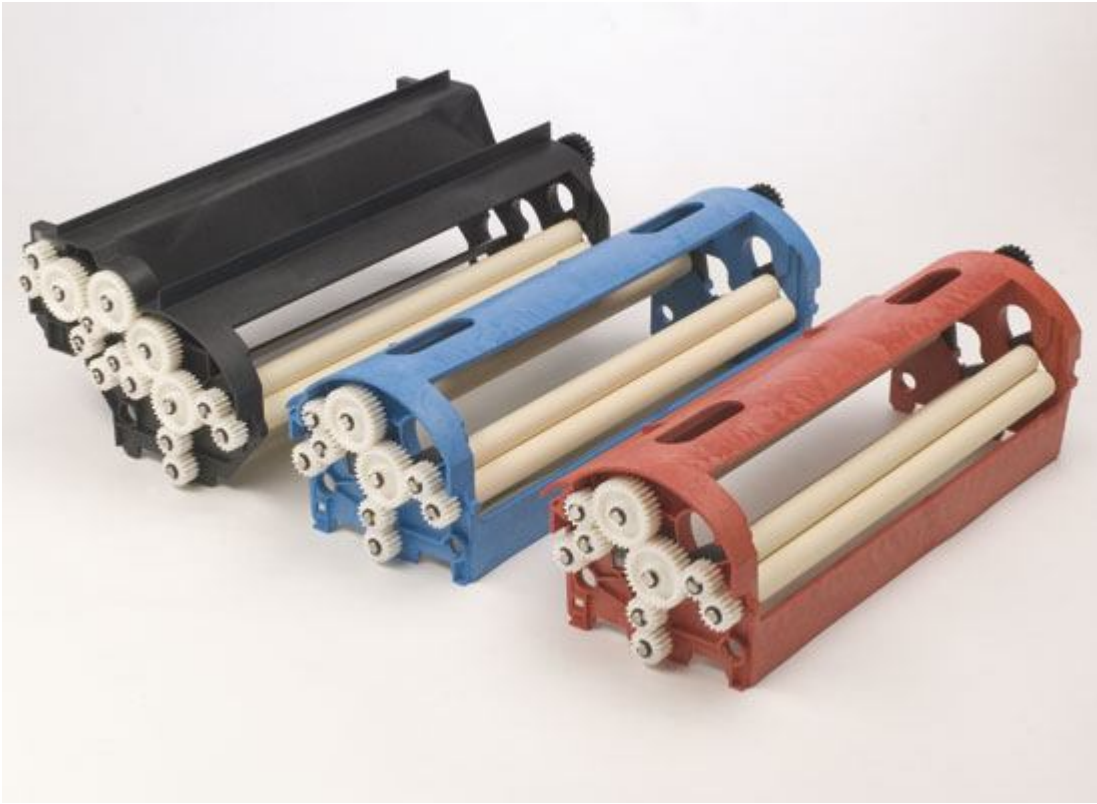


Simply Ingenious



All parameters of the ECOMAX™ x-ray film processor affecting image quality are factory set to optimal values. This makes the operation easier and reduces operator error. Just plug in the new processor and fill it with chemicals and the ECOMAX™ is ready for operation. Controls are simple on this ingenious processor.

Unique Design Concept



Not only is the outer design of the ECOMAX™ aesthetically pleasing, all technical innovations of the ECOMAX™ have only one aim: “Optimal Image Quality”. This includes the new roller rack design and the re- shaping of the chemical tanks. Protec’s engineers have decades of experience in film processor design. In this new design we have included the very latest manufacturing methods. The result is the new ECOMAX™.



Ecological and Economic

The ECO in ECOMAX™ is not a coincidence. The small re-shaped developer and fixer tanks reduce oxidation of large quantities of chemicals. This helps to save money and is good for the environment. In addition the replenishment rate is automatically adjusted to the actual processed film quantity in an optimal way. When no film is being processed, the ECOMAX™ will be resting in standby mode.

All You Need

The ECOMAX™ comes complete with all accessories and the processing parameters are preset in the factory. The processor functions like anti-crystallization, anti-oxidation and the permanent circulation of the chemistry are included. The ECOMAX™ stays operational and produces consistently good image quality even after being in standby mode for a long period of time.

Technical Data:

- Film format: min. 4" X 4" (10 x 10 cm), max. 14" x ∞ cm (36 cm x ∞)
- Film type: sheet films
- Process time: 100 sec (factory set)
- Capacity:
 - Film format 4" X 4" (10 x 10 cm) (3 x parallel): 417 films/hour
 - Film format 8" X 10" (18 X 24 cm) (2 x parallel): 148 films/hour
 - Film format 10" X 12" (24 x 30 cm): 74 films/hour
 - Film format 14" X 17" (35 x 43 cm): 45 films/hour
- Developer temperature: 89.6 °F (32 °C) (factory set)
- Dryer temperature: 140 °F (60 °C)
- Film detection: micro-sensor
- Replenishment rate: adjustable 460 ml per 10 square feet (460 ml/ m²) or 600 ml per 10 square feet (600 ml/m²), automatic
- Replenishment containers: 3.2 gallons (12 liters)
- Anti-oxidation: Every 20 minutes, but can be disabled
- Anti-crystallization: Every 20 minutes
- Tank volumes D/F/W: 0.6/0.6/0.55 gallons (2.3/2.3/2.1 liters)
- Water consumption:
 - 0.26 gal/min (1.0 l/min) during processing, no water used during standby
- Energy consumption:
 - 1.2 kWh while processing
 - 0.12 kWh in stand-by
- Dimensions (L/W/H): 34.7" x 26.4" x 17" (88 x 66 x 42 cm)
- Weight (empty/filled): 58.4/75 lb (26,5/34 kg)
- Electrical connections:
 - 115 V ± 15%; 50/60 Hz or 230 V ± 15%; 50/60 Hz
- Water connection: 3/4"; 29 – 145 psi (3/4"; 2 – 10 bar)
- Miscellaneous: automatic filling function for chemical tanks