

**PROTEC**  
Processor Technology  
made in Germany

**OPTIMAX<sup>®</sup> 2010** NDT

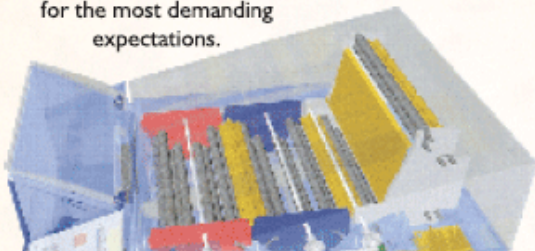


**INDUSTRIAL  
X-RAY FILM PROCESSOR**

# OPTIMAX<sup>®</sup> 2010 NDT

PROTEC<sup>®</sup> OPTIMAX<sup>®</sup> 2010 NDT

Our total know-how  
for the most demanding  
expectations.



## Optimised applications

The OPTIMAX<sup>®</sup> 2010 NDT is a very powerful industrial x-ray film processor. Our top model was designed for processing all standard film types up to a width of 45 cm (17 3/4"). The extreme high capacity guarantees quick access to the processed films.

## Familiar top quality

The proven concept of the one-piece casing is used in the OPTIMAX<sup>®</sup> 2010 NDT as well. It has been PROTEC's philosophy for many years now to exclusively use high quality components and to ship all processors with all accessories that are needed for operation.

## Improved economic efficiency

An optimised film detection with microsensors together with individually adjustable replenishment rates allow a more economic and more ecological use of valuable chemicals without concessions to the image quality. In addition to the integrated stand-by mode, when the processor is not in use, a water save mode is available to further reduce water consumption while the processor is working.

## Easy operation, comprehensive safety

Processing speed, temperatures and replenishment rates can easily be adjusted on the control panel, which is also used for automatic tank filling during the warm-up cycle. All set parameters can comfortably be recalled and monitored on the digital display. The filling level control in the developer tank and the integrated overflow protection further improve the safety. The proven Anti-oxidation and anti-crystallisation programs, together with the continuous circulation of the chemicals ensure highest image quality and consistency.

Convenient operation  
with digital display and  
microprocessor control.



## Technical Data OPTIMAX<sup>®</sup> 2010 NDT

Film format:	min. 10 x 10 cm (4" x 4")	
	max. 35 x ∞ cm (14" x ∞)	
Film format (L x W in cm):	24 x 30 (9 1/2" x 12")	19 films/h
Film format (L x W in cm):	43 x 35 (17" x 14")	11 films/h
Digital Display:	Developer temperature (optional °C or °F), Filling level control for developer bath, Process time, Error messages, Film counter	
Developer temperature:	28 - 37°C (82 - 99°F)	
Dryer temperature:	adjustable, max. 70° C (158°F)	
Film detection:	2 microsensors	
Replenishment rate:	150 - 1.500 ml/m <sup>2</sup> (150 - 1.500 ml per 10 square feet)	
Replenishment time:	10 - 99 sec, turn off possible	
Replenishment containers:	25 l (3.2 or 6.6 gal)	
Anti-oxidation:	in 60 min intervals (can be switched off)	
Anti-crystallisation:	in 20 min intervals	
Program memory:	2 programs	
Tank volumes D/F/W:	5/5/5 Litre (1.3/1.3/1.3 gal)	
Water consumption:		
Standard mode:	1.9 l/min (1/4 gal/min) during processing	
Water save mode:	0.95 l/min (1/4 gal/min) during processing	
Stand-by mode:	0.0 l/min (0.0 gal/min)	
Overflow protection:	level sensor	
Energy consumption	1.4 kWh during processing 0.12 kWh during stand-by	
Dimensions (L/W/H):	77 x 59 x 42 cm (30" x 23" x 16 1/2" )	
Weight (empty/filled):	35/50 kg (77/110 lb)	
Electrical connections:	220 - 240 V; 8.8 A; 50/60 Hz 110 - 120 V; 15 A (20 A plug); 50/60 Hz	
Water connection:	3/4"; 2 - 10 bar (3/4"; 29 - 145 psi)	

## PROTEC Medical Systems

Lichtenberger Straße 35 · D-71720 Oberstenfeld Tel.: +49 (0) 70 62/92 55-0  
Fax.: +49 (0) 70 62 / 2 26 85 e-mail: protec@protec-med.com <http://www.protec-med.com>



Marketed By :-

**CHOKSI BROTHERS PVT. LTD.**

MUMBAI : Classique Centre, C-Wing, 4th Floor, Plot No. 26, Mahal Ind. Estate,  
Off Mahakali Caves Road, Andheri (E), Mumbai - 400 093, INDIA  
Tel : (91-22) 4092 9999 • Fax : (91-22) 4092 9988  
E-mail : choksi@bom3.vsnl.net.in

NEW DELHI : 21, Darya Ganj, Ansari Road, New Delhi - 110 002, INDIA  
Tel : (91-11) 3244 5548, 2327 4265 • Fax : (91-11) 2327 5146  
E-mail : choksi@del3.vsnl.net.in

CHENNAI : 14, Bawa Road, Abhiramapuram, Chennai - 600 018, INDIA  
Tel : (91-44) 3298 5885, 2498 4898 • Fax : (91-44) 2498 8706  
E-mail : choksimds@vsnl.com

KOLKATA : 186, Sarat Bose Road, Kolkata - 700 029, INDIA  
Tel : (91-33) 3258 9936, 2465 7909 • Fax : (91-33) 2465 7909  
E-mail : choksi@cal2.vsnl.net.in

E-mail : [choksi@bom3.vsnl.net.in](mailto:choksi@bom3.vsnl.net.in)