

## OPTIMAX 2010 NDT

## COMPACT 2 NDT



## Product Features

### Optimized for processing industrial films

The OPTIMAX 2010 NDT as well as the COMPACT 2 NDT are x-ray film processors especially optimized for the development of industrial films. By applying appropriate films and chemicals designated for industrial applications, they ensure size independent optimum image quality.

#### OPTIMAX 2010 NDT

- Memory for 2 programs
- Variable processing speed
- Adjustable dryer heating
- Overflow protection

#### COMPACT 2 NDT

- Extremely high capacity
- Intermediate film rinse avoids carry-over of chemicals
- Precise film surface detection for calculation of replenishment rate
- Excellent image quality and consistency



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# OTPIMAX 2010 NDT

## COMPACT 2 NDT

### *X-ray film processor*

#### Technical Product Specifications

|                                            | <b>OPTIMAX 2010 NDT</b>                                                                                        | <b>COMPACT 2 NDT</b>                                       |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| <i>Film format</i>                         | min. 10 x 10 cm (4" x 4")<br>Max. 35 x ∞ cm (14" x ∞)                                                          | min. 10 x 10 cm (4" x 4")<br>Max. 45 x ∞ cm (17¾" x ∞)     |
| <i>Film type</i>                           | Sheet films                                                                                                    | Sheet films                                                |
| <i>Process time</i>                        | 2.5 – 10 min (150 – 600 sec)                                                                                   | 2 – 10 min (120 – 600 sec)                                 |
| <i>Capacity Film format (L x W in cm):</i> |                                                                                                                |                                                            |
| 24 x 30 (9½" x 12") at 150 sec             | 78 films/h                                                                                                     | 174 films/h                                                |
| 24 x 30 (9½" x 12") at 300 sec             | 39 films/h                                                                                                     | 71 films/h                                                 |
| <i>Developer temperature</i>               | 28 – 37 °C (82 – 99 °F)                                                                                        | 28 – 40 °C (82 – 104 °F)                                   |
| <i>Dryer temperature</i>                   | max. 70 °C (158 °F)                                                                                            | 35 – 70 °C (95 – 158 °F)                                   |
| <i>Film detection</i>                      | 2 microensors                                                                                                  | 4 sensors (infrared)                                       |
| <i>Replenishment rate</i>                  | 150 – 1.485 ml/m <sup>2</sup>                                                                                  | 50 – 3.000 ml/m <sup>2</sup>                               |
| <i>Replenishment containers</i>            | 25 l (6.6 gal)                                                                                                 | 25 l (6.6 gal)                                             |
| <i>Replenishment time</i>                  | 10 – 99 sec                                                                                                    | 1 – 60 sec                                                 |
| <i>Anti-oxidation</i>                      | in 60 min intervals                                                                                            | selectable, off or 5 – 99 min intervals                    |
| <i>Anti-crystallisation</i>                | in 20 min intervals                                                                                            | in 20 min intervals                                        |
| <i>Program memory</i>                      | 2 programs                                                                                                     | 5 programs                                                 |
| <i>Tank volumes D/F/W</i>                  | 5/5/5 Litre (1.3/1.3/1.3 gal)                                                                                  | 12.5/12/13 Litre (3¼/3/3½ gal)                             |
| <i>Water consumption</i>                   | 1.9 l/min during processing<br>0.0l/min while in stand by                                                      | 1.9 l/min during processing<br>0.0 l/min while in stand-by |
| <i>Overflow protection</i>                 | Level sensor                                                                                                   |                                                            |
| <i>Energy Consumption</i>                  | 1.4 kWh during processing<br>0.12 kWh while in stand-by                                                        | 2.5 kWh during processing<br>0.23 kWh while in stand-by    |
| <i>Dimensions (L/W/H)</i>                  | 77 x 59 x 42 cm (30" x 23 x 16½")                                                                              | 97 x 68 x 127 cm                                           |
| <i>Weight (empty/filled)</i>               | 35/50 kg (77/110 lb)                                                                                           | 91/129 kg – closed base<br>77/115 kg – open base           |
| <i>Electrical connection</i>               | 220 – 240 V; 8.8 A; 50/60 Hz<br>220 – 240 V for 110 V operation<br>(pre-transformer required); 15 A;<br>60 Hz; | 208 – 240V; 10 – 14 A; 50/60 Hz                            |
| <i>Water connection</i>                    | ¾"; 2–10 bar (¾"; 29 – 145 psi)                                                                                | ¾"; 2 – 10 bar                                             |