



EG 750 ON-LINE DOLEV 250/450/4PRESSV/4NEWS

EG 751 ON-LINE DOLEV 450/4PRESSV/4NEWS

EG 752 ON-LINE DOLEV 450/4PRESSV/4NEWS

EG 900 ON-LINE DOLEV 800V

EG 901 ON-LINE DOLEV 800V/800V²

EG 902 ON-LINE DOLEV 800V/800V²

A HOPE ON-LINE
PROCESSOR IS AN
INTEGRATED PART OF
THE PRODUCTION
ENVIRONMENT

Hope

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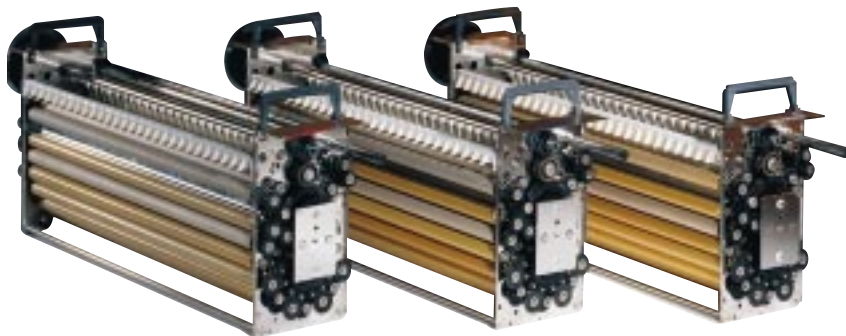
Hope EG 751 On-Line Dolev 4pressV/4news

The Hope on-line processor is designed to operate as a complete integrated system with the Scitex Dolev imagesetter.

RELIABILITY, EVEN DENSITY, SPEED AND CAPACITY

The Hope on-line processor has a rack construction, which optimizes the production safety and a rack length, which enables the imagesetter to run continuously full speed at all times.

The tank capacity of the Hope on-line processor secures an even density at all times - the last developed film has the same quality as the first produced film - even when the system runs 24 hours a day. A high-efficient power saving dryer section ensures dry film.



Racks for Hope on-line processors for Scitex Dolev imagesetters

CELIS CONTROL

In order to meet the requirements of a market with faster and faster imagesetters as well as an increased demand to the final result, Echo Graphic has developed the Celis Control.

The Celis Control is the intelligent communication link between the imagesetter and the Hope on-line processor and it is designed to ensure an optimum utilization of the capacity of the imagesetter.

The Celis Control contributes to secure a reliable transport of film and a trouble free production.

This advanced electronic control system is simple to operate through an icon based graphic screen with function keys.

The system controls and displays developer and fixer temperatures, replenishment, antioxidation, developing time, low liquid levels and no-feed indication.

A power save function automatically reduces power and water consumption after completion of each processing cycle.

During nights and weekends a night and day programmable timer mode system reduces consumption further, however, keeping the processor ready to operate without any delay.

The safety level control system will cut off heat and automatically refill each tank if a low liquid level is detected.

A special link tells the imagesetter when to feed material and when the processor is ready.

⌂ informs that everything is ok and that the processor is ready, and ⏏ informs the operator and the imagesetter if an error occurs.

Diagnostic features in the computer control will tell the operator how to rectify error conditions both in case of hardware problems and external problems e.g. overflow in waste containers.



EG 900 ON-LINE DOLEV 800V

EG 901 ON-LINE DOLEV 800V/800V²

EG 902 ON-LINE DOLEV 800V/800V²

ON-LINE BENEFITS

- ✓ First set - first out allows last minute corrections before deadline.
- ✓ Works for you 24 hours a day.
- ✓ Intelligent link between imagesetter and processor.

MODULAR CONSTRUCTION

The Hope processor is of modular construction, which allows you to choose between four different tank capacities. Deep tanks and long rack lengths determine the process speed and contribute to an even density.

Installation is easy as the Hope processor can be split into two sections, which easily pass through doors.

Please note that the EG 750/EG 900 cannot be split into two sections as these processors are one-frame constructions.



Hope EG 750 On-Line Dolev 4pressV/4news



Hope EG 901 On-Line Dolev 800V/800V²

WORKING ENVIRONMENT

The clean design and the low noise level of the processor fit into today's modern working environment. The processor is supplied with an effective exhaust fan for removal of chemical fumes from the conveyor, processor and installation site. The exhaust fan is switched on continuously to prevent chemical fumes travelling through the conveyor into the imagesetter.

TECHNICAL FEATURES

The racks in the Hope processor are built after the principle "staggered rollers," which has proven to be the most reliable transport system on the market. The staggered roller configuration of the racks ensures reliable transportation of the film or paper through the processing cycle. The powerful circulation pumps give an even, overall agitation guaranteeing the correct chemical flow over the full emulsion surface. Correct rinsing is accomplished with minimum water consumption and a reliable replenishment system provides fresh chemistry into the baths. The processor has separate developer, fixer and wash drains and is easily adapted for silver recovery systems and water treatment systems.

EASY MAINTENANCE

The Hope processor is easy to maintain. The easy access for regular cleaning ensures a long lifespan and trouble free functioning of the processor.

To ease the maintenance of the processor accessories such as rack hoist, filter kits and drip trays can be ordered separately.

TECHNICAL SPECIFICATIONS

	EG 750 On-Line Dolev 250/450/ 4pressV/4news	EG 751/EG 752 On-Line Dolev 450/ 4pressV/4news	EG 900 On-Line Dolev 800V	EG 901/EG 902 On-Line Dolev 800V/800V ²
Dimensions of on-line system incl. imagesetter				
Length	228 cm / 89.8"	252 cm / 99.2"	270 cm / 106.3"	292 cm / 115"
Width	Dolev 250/450: 115 cm / 45.3" 4pressV/4news: 140 cm / 55.1"	Dolev 450: 115 cm / 45.3" 4pressV/4news: 140 cm / 55.1"	165 cm / 65"	165 cm / 65"
Height	110 cm / 43.3"	110 cm / 43.3"	120 cm / 47.2"	120 cm / 47.2"
Shipping dimensions				
Length	156 cm / 61.4"	156 cm / 61.4"	175 cm / 68.9"	175 cm / 68.9"
Width	115 cm / 45.3"	115 cm / 45.3"	142 cm / 55.9"	142 cm / 55.9"
Height	129 cm / 50.8"	129 cm / 50.8"	129 cm / 50.8"	129 cm / 50.8"
Weight				
Net	233 kg / 514 lb.	345 kg / 761 lb.	300 kg / 661 lb.	395 kg / 871 lb.
Gross	315 kg / 695 lb.	450 kg / 992 lb.	420 kg / 926 lb.	520 kg / 1146 lb.
Specifications				
Inlet width (processor)	75 cm / 29.5"	75 cm / 29.5"	91 cm / 36"	91 cm / 36"
Tank capacity (racks mounted)	25 l / 6.6 US gal.	EG 751: 26.5 l / 7 US gal. EG 752: 35 l / 9.3 US gal.	29 l / 7.7 US gal.	EG 901: 29 l / 7.6 US gal. EG 902: 50 l / 13.2 US gal.
Rack length dev.	32 cm / 12.6"	EG 751: 44 cm / 17.3" EG 752: 67 cm / 26.4"	32 cm / 12.6"	EG 901: 44 cm / 17.3" EG 902: 67 cm / 26.4"
Developing time min.-max.	20 – 80 sec.	15 – 90 sec.	20 – 80 sec.	15 – 90 sec.
Speed at 30 sec. dev. time	64 cm/min. / 25.2"/min.	EG 751: 88 cm/min. / 34.6"/min. EG 752: 134 cm/min. / 52.8"/min.	64 cm/min. / 25.2"/min.	EG 901: 88 cm/min. / 34.6"/min. EG 902: 134 cm/min. / 52.8"/min.
Max. film length off-line	5 m / 16.4 ft	10 m / 32.8 ft	5 m / 16.4 ft	10 m / 32.8 ft
Min. film size off-line	18 x 10 cm / 7 x 4"	18 x 10 cm / 7 x 4"	18 x 10 cm / 7 x 4"	18 x 10 cm / 7 x 4"
Max. format (set by imagesetter)	Dolev 250: 38 x 54 cm / 15 x 21" Dolev 450: 66 x 55 cm / 26 x 21" 4pressV/4news: 74 x 60 cm / 29 x 23"	Dolev 450: 66 x 55 cm / 26 x 21" 4pressV/4news: 74 x 60 cm / 29 x 23"	86 x 121 cm / 34 x 47"	86 x 121 cm / 34 x 47"
Dev./fix./wash temperature range	20 - 45°C / 68 - 113°F	20 - 45°C / 68 - 113°F	20 - 45°C / 68 - 113°F	20 - 45°C / 68 - 113°F
Exhaust blower	Built in	Built in	Built in	Built in
Exhaust connection	Ø 10 cm / 4"	Ø 10 cm / 4"	Ø 10 cm / 4"	Ø 10 cm / 4"
Circulation rate dev., fix.	10 l/min. / 2.7 US gal.	22 l/min. / 5.8 US gal.	10 l/min. / 2.7 US gal.	22 l/min. / 5.8 US gal.
Circulation rate wash	-	22 l/min. / 5.8 US gal.	-	22 l/min. / 5.8 US gal.
Water consumption (operate)	3.5 l/min. / 0.9 US gal.	3.5 l/min. / 0.9 US gal.	3.5 l/min. / 0.9 US gal.	3.5 l/min. / 0.9 US gal.
Emission of heat to room (operate)	2000 W / 586 BTU/hr.	2300 W / 674 BTU/hr.	2000 W / 586 BTU/hr.	2400 W / 703 BTU/hr.
Water connection	¾" pipe thread	¾" pipe thread	¾" pipe thread	¾" pipe thread
Drain connection	3 x 1" hose nipple	3 x 1" hose nipple	3 x 1" hose nipple	3 x 1" hose nipple
Replenishment containers	Dev./fix. 30 l / 8 US gal.	Dev./fix. 30 l / 8 US gal.	Dev./fix. 30 l / 8 US gal.	Dev./fix. 30 l / 8 US gal.
Max. power consumption	3700 VA	5900 VA	5900 VA	5900 VA
Average power consumption:				
Operate	3100 W	5000 W	5000 W	5000 W
Power save	600 W	1000 W	1000 W	1000 W
Night mode	550 W	600 W	600 W	600 W
Power supply:				
1x230ACV+/-10%/50/60Hz	20 amp	30 amp	30 amp	30 amp
3x230ACV+/-10%/50/60Hz	-	3 x 16 amp	-	3 x 16 amp

Accessories, which can be ordered separately:

- Receiving tray
- Daylight cassette
- Drip tray for racks
- Floor drip tray
- Rack hoist
- Mobile rack drip tray
- Trolley for replenishment containers
- Daylight inlet kit
- Filter kit for dev., fix., wash or water inlet

Other accessories on request.

Please ask for our separate leaflet for accessories or visit our homepage www.echographic.dk

Specifications are subject to be changed without prior notice and we assume no responsibility for possible errors or omissions in the text. Actual achievable production speed depends on exposure, film type and chemistry, and the drying capacity is influenced by temperature, humidity exhaust system and film type.

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