

ACP 404

Brilliant colours with the small big processor



**maximum
processing width
40 cm**

THERMAPHOT ACP-units guarantee the brilliant colour quality of your pictures.

A semi-professional dream

The ACP 404 is a middle-of-the-road solution between the smaller processors and the top of the range ACP 505. With a processing width of 40 cm, it is targeted at semi-professional and professional users.

Similar to its big brothers, the ACP 505 and 502, the ACP 404 is specially designed to process opaque and transparent material. It is configured for RA-4 and other RA-4 compatible processes as well as for B/W processes. Its operation is fully controlled by state-of-the-art electronics.

The technical characteristics of the ACP 404 correspond to those of the ACP 505. Ease of use, simple cleaning of the racks in weekly intervals and low tank volume (approx. 4.5 l per tank) make the ACP 404 an exceptionally economical machine.

The principal differences from the ACP 505 are the processing width of 40 cm and the 4-tank construction. With a maximum format of 40x50 cm, the ACP 404 is a very compact processor of unusually small dimensions, which fits into the smallest lab.

Range of use

THERMAPHOT offers two different versions according to the field of application:

- for black-and-white processing, with racks in different lengths which reduce the processing time to 2:30 min.

- for RA-4 and compatible processes (4 racks of equal length), the standard version using running water
- with some modifications, it is also possible to use the machine for the processing of radiographic films



The "inner workings" of the ACP 404

ACP 404 - Technical data:

Length:	85 cm
Width:	75 cm
Height:	43 cm
Weight (empty):	approx. 69 kg
Entrance speed:	46 cm/min (RA-4)
Power supply:	230V/240V, 50 Hz 110V/115V, 60 Hz
Max. power consumption:	1.5 kW

ACP 404 - capacity (RA-4):

Format (cm)	Prints per hour
9 x 13	550
13 x 18	365
20 x 25	200
30 x 40	85
40 x 50	52

Tank volume: approx. 4,5 l

Overview of products

Technical data at a glance: THERMAPHOT paper processors

Product range	ACP 505	ACP 502	HSD 502	ACP 404	ACP 404 BW
Maximum paper format (cm)	50 x 70	50 x 70	50 x 70	40 x 50	40 x 50
Minimum paper format (cm)	9 x 13	9 x 13	9 x 13	9 x 13	9 x 13
Number of tanks	5	2	1+1	4	4
Tank volume (liter/tank)	approx. 5,5	approx. 5,5	approx. 1+5,5	approx. 4,5	approx. 4,5
Dimensions (L x W x H in cm)	approx. 95 x 85 x 45	approx. 62 x 78 x 41	approx. 30 x 78 x 43	approx. 85 x 75 x 45	approx. 85 x 75 x 45
Floor space (L x W in cm)	approx. 88 x 69	approx. 52 x 66	approx. 22 x 66	approx. 78 x 59	approx. 78 x 59
Weight in Kg (empty)	approx. 95	approx. 46	approx. 28	approx. 69	approx. 69
Entrance speed (cm/min.)	10 - 70	10 - 70	same as ACP 502	10 - 70	10 - 70
Processing time range (sec.)	32 - 210	32 - 210	-	32 - 210	32 - 210
Processing temperature range (°C)	28 - 45	28 - 45	-	28 - 45	28 - 45
Total processing time (min:sec.)	4:15 with RA-4	1:35 with RA-4 3:05 with HSD	1:30 with RA-4	3:25 with RA-4	2:30 with BW
Replenishment	automatic	manual optional: automatic	-	manual optional: automatic	manual optional: automatic
Drying	yes infrared tube	no yes with HSD 502	yes infrared tube	yes infrared tube	yes infrared tube
Water consumption (l/min.)	1,4	-	3	1,9	1,9
Capacity in prints/hour format (cm)/approx. qty. (RA-4)	9 x 13 / 760 13 x 18 / 410 20 x 25 / 250 30 x 40 / 85 40 x 50 / 64 50 x 60 / 42	9 x 13 / 760 13 x 18 / 410 20 x 25 / 250 30 x 40 / 85 40 x 50 / 64 50 x 60 / 42	same as ACP 502	9 x 13 / 550 13 x 18 / 365 20 x 25 / 200 30 x 40 / 85 40 x 50 / 52	9 x 13 / 720 13 x 18 / 475 20 x 25 / 260 30 x 40 / 110 40 x 50 / 68
Suitable processes	BW; RA-4 and compatible processes	BW; RA-4 and compatible processes	same as ACP 502	BW; RA-4 and compatible processes	BW
Max power consumption (kW)	2,2	0,65	0,9	1,5	1,5
Order no. 230/240V, 50Hz	2502 (Micro/water) 2506 (Micro/Stabi) 2504 (Analog/water) 2508 (Analog/Stabi)	2512 2514 (replenishment)	2516	2404	2402
Order no. 110/115V, 60Hz	2501 (Micro/water) 2505 (Micro/Stabi) 2503 (Analog/water) 2507 (Analog/Stabi)	2511 2513 (replenishment)	2515	2403	2401
Accessories 230/240V, 50Hz		2412 (replenishment kit)		2412 (replenishment kit)	2412 (replenishment kit)
Accessories 110/115V, 60Hz		2411 (replenishment kit)		2411 (replenishment kit)	2411 (replenishment kit)

ACP 305	ACP 302	ACP 252	ACP 200	UCP 403	UWD 402
30 x 40	30 x 40	24 x 30	20 x 25	40 x 50	40 x 50
9 x 13	9 x 13	9 x 13	9 x 13	13 x 18	13 x 18
5	2	2	2	3	2
approx. 3,4 (optional 2,4)	approx. 2,4 (optional 3,4)	approx. 2	approx. 2,5	approx. 2	approx. 4
approx. 84 x 60 x 40	approx. 48 x 54 x 41	approx. 42 x 45 x 28	approx. 62 x 43 x 25	approx. 85 x 60 x 30	approx. 70 x 60 x 30
approx. 78 x 44	approx. 44 x 44	approx. 42 x 45	approx. 52 x 30	approx. 81 x 47	approx. 66 x 47
approx. 59	approx. 29	approx. 16	approx. 13	approx. 31	approx. 32
46 or 65 optional 10 - 70	46 or 65 optional 10 - 70	33 or 45	28, 11 or 6 optional: 42, 14, 8	6 - 53	same as UCP 403
32 or 45 optional 32 - 210	32 or 45 optional 32 - 210	32 or 45	45, 120 or 210 optional: 30, 90, 150	20 to 180	-
28 - 45	28 - 45	28 - 45	28 - 45	30 - 42	30 - 42
4:15 with RA-4	1:30 with RA-4	1:30 with RA-4	1:30 with RA-4	6:00 with P30P	3:00 with P30P
manual optional: automatic	manual optional: automatic	manual	manual	not required	not required
yes infrared tube	no	no	no	no yes with UWD 402	hot air
1,4	-	-	-	-	-
9 x 13 / 540 13 x 18 / 180 20 x 25 / 90 30 x 40 / 55	9 x 13 / 540 13 x 18 / 180 20 x 25 / 90 30 x 40 / 55	9 x 13 / 260 13 x 18 / 130 18 x 24 / 100 24 x 30 / 65	9 x 13 / 150 13 x 18 / 110 18 x 24 / 65 20 x 25 / 65		
BW; RA-4 and compatible processes	BW; RA-4 and compatible processes	BW; RA-4 and compatible processes	BW; RA-4 and compatible processes	P30P/XP30 P22/P222 P5 BW; RA-4 and compatible processes	same as UCP 403
1,4	0,5	0,55	0,3	0,5	1,7 (UCP+UWD)
2604 (BWD) 2606 (BWDVDR) 2608 (BSDVDR)	2302 2304 (Vario) 2312 (Vario/ replenishment)	0202	0402	6102	6202
2603 (BWD) 2605 (BWDVDR) 2607 (BSDVDR)	2301 2303 (Vario) 2311 (Vario/ replenishment)	0201	0401	6101	6201
2612 (Vario Kit) 2412 (replenishment kit)	2306 (Vario Kit) 2307 (Kit 3,4 l > 3,4 l)		04710 (High Speed Kit for BW)		
2611 (Vario Kit) 2411 (replenishment kit)	2305 (Vario Kit) 2308 (Kit 3,4 l > 2,4 l)		04710 (High Speed Kit for BW)		

THERMAPHOT products are being constantly developed to the latest state of the art. They are therefore subject to modifications without notice. As of: September 1998