# KOWOPRO K

# **KOWOPRO K** Manual Film Processing Units



## Simple, manual Developing of NDT X-ray films

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### KOWOPRO K series Manual Film Processing Units for X-ray films

These processing units are designed for simple, manual developing of NDT X-ray films.

Complete unit is made of durable, grey PVC material and has four separate tanks. Three smaller tanks on the left for Developer, Rinse and Fixer are placed in the Heating Water Tank by which these tanks can be heated of cooled. The large tank on the right is for Final Wash of fixed films or additionally for cleaning of channel hanger and equipment after developing process.

All tanks can be closed with a cover even when channel hangers are hung in and tanks for Developer and Fixer can be taken out of the unit for cleaning or exchange.

Water Tanks and the Heating Water Tank, all equipped with a spillway, are filled and rinsed thru three separate taps. With the tap for Heating Water Tank the intake of cold water, for cooling Developer and Fixer, can be controlled.

The micro-processor controls temperature and monitors Min-level in Heating Water Tankand also can be used as darkroom timer (Count-Down-Timer).

PVC, grey, 7 mm thick

0 ... 60 min (preset to 5 min)

Ø 1 in / Ø 25/31 mm, 2 m long

1.000 W - (K41- 2.000 W)

G3/4 in, 2 m long

85 x 71 x 93 cm

50 (ca. 200) kg

97 x 71 x 93 cm

55 (ca. 240) kg

148 x 71 x 93 cm

70 (ca. 320) kg

Article No.: 12 30550

Article No.: 12 30540

25 I

25 I

75 I

25 I

25 I

55 I

55 I

Article No.: 12 30530

Heating Water Tank, Rinse - and Final Water Tank

12x41x57 cm - (fill level 53 cm)

150 l 52x48x67 cm - (fill level 59 cm)

110 | 39,3x48x67 cm - (fill level 59 cm)

27,3x48x67 cm - (fill level 59 cm)

15°C ... 25°C, controllable (preset to 20°C)

220 ... 240 V / 50 ... 60 Hz / 10 A, 3 m long

For operation of the unit connections for electrical power, water and drain have to be provided.

#### **Technical Data**

Housing Water Taps Darkroom Timer Temperature **Heating Power Connection Electrical Power Connection Water Connection Drain** 

#### **KOWOPRO K21**

Tank for Developer, Fixer - removeable Rinse Water Tank - fix Final Water Tank - fix Dimensions (W x D x H) Weight - empty (filled)

#### **KOWOPRO K31**

Tank for Developer, Fixer - removeable Rinse Water Tank - fix Final Water Tank - fix Dimensions (W x D x H) Weight - empty (filled)

#### **KOWOPRO K41**

Tank for Developer, Fixer - removeable Rinse Water Tank - fix Final Water Tank - fix Dimensions (W x D x H) Weight - empty (filled)

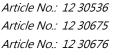
#### Scope of Delivery:

KOWOPRO K

complete with channel hanger insert for Final Water Tank, hoses, plugs, plug puller, spare parts kit

#### Accessories:

K21/K31 Channel hanger stirrup for Tank, 25 I KOWOPUMP 230 Chemical transfer pump, 20 l/min, 100- 240 V AC KOWOPUMP 12 Chemical transfer pump, 20 l/min, 12 V DC

















Article No.: 12 30675 Article No.: 12 30676

