

High-quality **PRIMAX**[®] brand film viewers for

- **Film selection and demonstration**
 - **General X-ray diagnosis**
 - **Mammography diagnosis**
 - **CT and MRI film viewing**

Standard Viewers without shutters



type MOD 70 x 43 cm



type MOD 105 x 43 cm

■ Series MOD

- module system with individually controlled viewing sections for film selection and demonstration
- viewing area 70 cm wide or larger
- max. luminous density approx. 1500 cd/m²
- Option: with flicker-free energy-saving high frequency light, variable brightness control, control range appr. 90 % , all banks are together controllable, but keep individually switchable

Models with shutters are equipped with 4 separately adjustable and easy to move shutters fitted between an external scratch-proof mineral clear-glass pane and an internal flashed glass pane of high-grade acrylic. This system ensures sharp-edge collimation even of small image areas which is the essential advantage of all our viewboxes with shutters. Shutter models are certified as basic instruments for reports on diagnostic findings in medical X-ray diagnosis.

Models without shutters for film selection, for checking the adjustment technique and for demonstration purposes are also available, details for these lines given on request.

PRIMAX Film Viewers incorporate daylight fluorescent lamps with colour temperature of ≥ 6000 °Kelvin and offer brilliant light. All fluorescent lamps used are low in mercury and suitable for recycling.

PRIMAX Film Viewers comply with German standards DIN 6856-1 and 6856-2. They all fall under protection class I, type IP 20.

Models are available as desk-type, surface-mounted as well as recessed type, all of them in the same series feature identical design configuration

Single-button operation for switching and controlling the luminous density.

Premium Viewers with shutters

Viewers with shutters offer all high to extremely high as well as superbly uniform luminous density. The various models mainly differ in the brightness control as well as the luminous density as shown below:

■ Series DE

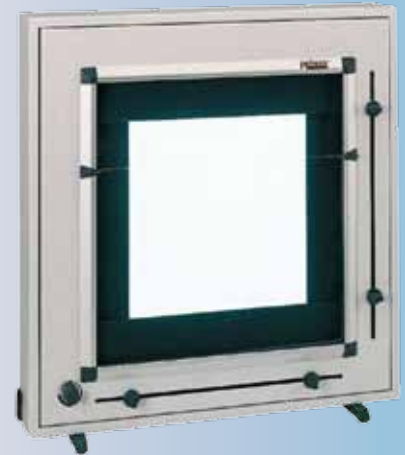
- maximum luminous density from 3000 to about 4200 cd/sq.m
- 3 fluorescent tubes
- Low-loss ballasts and variable electronic brightness control, control range approx. **50%**.

■ Series DX, DXM

- maximum luminous density from 4800 to about 7300 cd/sq.m
- 5 fluorescent tubes (DX line)
- 5-8 fluorescent tubes (DXM line)
- Low-loss ballast, switchover from 5 to 3 fluorescent lamp operation, variable electronic brightness control, control range approx. **50%**.

■ Series DEH, DXH, DXHM

- maximum luminous density from 3500 to about 8100 cd/sq.m
- 3 fluorescent tubes (DEH line)
- 4 fluorescent tubes (DXH line)
- 6-8 fluorescent tubes (DXHM line)
- All of this series complying with EN 60601-1
- Flicker-free high-frequency light system by electronic start ballasts, variable electronic brightness control, control range approx. **90%**.



40 x 43 cm, e.g. type DX

PLEASE NOTE: Our „M“-models (DXM and DXHM) are specially qualified for mammography diagnosis.

Technical specification

Viewer type	Viewing area in cm (w x h)	Housing dimensions in mm			Luminous density approx. cd/sq.m max*	Fluorescent lamps number/output	Power input in watts	Current in ampere	Weight in kg (approx)	Order number
		W	H	D						
DE	40 x 43	600	625	102	3000	3 x 15 W	60	0,7	20	24106501
	80 x 43	1000	625	102	3800	3 x 30 W	110	1,1	31	24106502
	120 x 43	1400	625	102	3800	3 x 36 W, 1,2 m	130	1,3	41	24106504
DX	40 x 43	600	625	102	4800	5 x 15 W	95	1,1	21	24108501
	80 x 43	1000	625	102	5800	5 x 30 W	190	1,9	32	24108502
	120 x 43	1400	625	102	5800	5 x 36 W, 1,2 m	220	2,3	42	24108504
DXM	72 x 46	970	680	102	6200	5 x 30 W	190	0,9	33	2411005001
	105 x 46	1250	680	102	5900	5 x 36 W, 1,2 m	220	1,0	40	2411005301
	140 x 58	1600	800	102	7300	8 x 58 W	450	2,0	57	2411005501
DEH	40 x 43	600	625	102	3500	3 x 15 W	59	0,3	20	24106701
	80 x 43	1000	625	102	5100	3 x 30 W	115	0,6	28	24106702
	120 x 43	1400	625	102	4300	3 x 36 W, 1,2 m	119	0,6	37	24106704
DXH	40 x 43	600	625	102	4400	4 x 15 W	73	0,4	19	24108701
	80 x 43	1000	625	102	6700	4 x 30 W	153	0,7	29	24108702
	120 x 43	1400	625	102	4600	4 x 36 W, 1,2 m	159	0,8	37	24108704
DXHM	72 x 46	970	680	102	7200	6 x 30 W	200	0,9	33	24110050
	105 x 46	1250	680	102	6700	6 x 36 W, 1,2 m	220	1,0	40	24110053
	140 x 58	1600	800	102	8100	8 x 58 W	450	2,0	57	24110055

* In quoting the luminous density in cd/sq.m allowance has been made for a wattage loss of the fluorescent lamps of at least 10%. (other sizes will be communicated on request)

Please contact our sales department to get detailed information and technical data about other series without shutters, combined units and accessories to all models.