

About Us

PL Medical Co., LLC offers intensifying screens in calcium tungstate, rare-earth blue sensitive and rare-earth green sensitive screens. These screens are designed to be used in our x-ray cassettes or any brand cassette you may currently own and are compatible with all major brands of x-ray film.

Advantages

Our calcium tungstate screens use high quality phosphor processing for exceptional luminescence with an optimum combination of speed and resolution along with minimum mottle. They employ specially treated and carefully controlled calcium tungstate phosphors. These phosphors characteristically exhibit an extremely linear response over a broad kVp range. They are compatible with all major brands of blue sensitive x-ray film. Carefully selected and controlled calcium tungstate phosphor ensures low noise, minimum persistence and maximum image quality.

Our rare-earth blue and green sensitive screens employ the rare earth phosphor lanthanum oxybromide and represent the state-of-the-art in x-ray intensifying screens. Rich blue or green component of the light output makes it particularly well suited for use with blue sensitive film. The screens are compatible with all major brands of blue or green sensitive x-ray film. Carefully selected and controlled lanthanum oxybromide phosphor ensures low noise, minimum persistence and maximum image quality. Due to significant reduction in mAs requirements, motion blur can be minimized. Radiation exposure to patient is reduced compared to calcium tungstate screens.

Our screens offer excellent performance under extreme weather conditions, with total resistance to atmospheric moisture. The hard, long wearing surface is highly resistant to chipping assures minimum surface fatigue over prolonged periods of use.



Applications

- Primary Care
- Podiatry
- Orthopedics
- X-Ray Technicians
- Hospitals
- Universities and National Laboratories
- Chiropractors

Product Description

- Optimal image quality
- Weather proof
- Long life
- Static charge elimination
- Compatible with all major brands of x-ray film
- Reduce motion un-sharpness

Sizes Offered:

Calcium Tungstate 200 Speed:

Rare Earth Blue Sensitive 400 Speed:

Rare Earth Green Sensitive 400 Speed:

Item #	SPECS	PKG	Price	Item #	SPECS	PKG	Price	Item #	SPECS	PKG	Price
SCT0810	8 x 10	Pair	\$32.00	SRE0810	8 x 10	Pair	\$68.55	SREG0810	8 x 10	Pair	\$68.55
SCT1012	10 x 12	Pair	\$46.00	SRE1012	10 x 12	Pair	\$95.80	SREG1012	10 x 12	Pair	\$95.80
SCT1114	11 x 14	Pair	\$59.00	SRE1114	11 x 14	Pair	\$120.40	SREG1114	11 x 14	Pair	\$120.00
SCT1417	14 x 17	Pair	\$85.00	SRE1417	14 x 17	Pair	\$186.10	SREG1417	14 x 17	Pair	\$186.10
SCT1436	14 x 36	Pair	\$192.00	SRE1436	14 x 36	Pair	\$394.15	SREG1436	14 x 36	Pair	\$394.15
SCT2430	24 x 30	Pair	\$46.00	SRE2430	24 x 30	Pair	\$95.80	SREG2430	24 x 30	Pair	\$89.10

Rare Earth Blue Sensitive 800 Speed:

Rare Earth Blue Sensitive 400 Speed:

Item #	SPECS	PKG	Price	Item #	SPECS	PKG	Price
SPX0810	8 x 10	Pair	\$68.55	SPXG0810	8 x 10	Pair	\$89.10
SPX1012	10 x 12	Pair	\$95.80	SPXG1012	10 x 12	Pair	\$121.20
SPX1114	11 x 14	Pair	\$120.40	SPXG1114	11 x 14	Pair	\$155.60
SPX1417	14 x 17	Pair	\$186.10	SPXG1417	14 x 17	Pair	\$240.40
SPX1436	14 x 36	Pair	\$394.15	SPXG1436	14 x 36	Pair	\$509.00
SPX2430	24 x 30	Pair	\$95.80	SPXG2430	24 x 30	Pair	\$121.20

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