



Sugárvédelmi mellény és eszközkatalógus

2024



Sugárzás elleni, egyéni védőeszközök - ólomgumi kötények

Cégünk nagy hangsúlyt fektet, az Orvosok, Szakápolók és a páciensek egészségének a megőrzésére, a biztonságos radiológiai műveletek elvégzésére, legyen szó bármilyen típusú, CBCT, CT, Panoráma vagy Intraorális röntgenfelvételtől.

Ennek jegyében, cégünk egyedi tervezés alapján alakíttatta ki mellényeit, mindenkor védve, a létfontosságú szerveket, a felvétel alatt exponált szórt sugárzástól.

A mellények megfelelnek, a hazai, 824:2017 MSZ Sugárvédelmi jogszabálynak, a 2/2022(IV.29) OAH kormányrendeletnek, illetve rendelkeznek az NNK-KI szakvéleményével. A termékek gyártója rendelkezik CE és EN minősítéssel. Mellényeink kiemelkedő fontosságú tulajdonságokkal rendelkeznek: fertőtleníthető, tisztítható, könnyen tárolható, mivel a benne lévő ólom-réteg nem törik meg és a külső anyag sem sérül a mellény összehajtása során.





Sugárvédelmi panoráma köpenyeink

Fogászati Panoráma felvételekhez, könnyített ólomgumi köpenyek körkörös védelemmel, védve minden létfontosságú, sugárérzékeny szervet a felvétel készítése alatt. Ólomegyenértékét illetően, igazodva a technológia fejlődéséhez, 0,35 mm Pb egyenértékű mellények, így biztosítva a védelmet amagasabb teljesítményű készülékek használatakor.

Kód	Típus	Elől	Hátul	Méret	Dimenzió (sz x h)
PAM01	Panoráma	0,35 mm Pb	0,35 mm Pb	M	55 x 90 cm
PAL01	Panoráma	0,35 mm Pb	0,35 mm Pb	L	65 x 90 cm
PAXL01	Panoráma	0,35 mm Pb	0,35 mm Pb	XL	75 x 110 cm
PAC01	Panoráma	0,25 mm Pb	0,25 mm Pb	gyermek	50 x 70 cm



Sugárvédelmi CBCT/CT köpenyeink

Fogászati CBCT/CT felvételekhez, könnyített ólomgumi köpenyek körkörös védelemmel, védve minden létfontosságú, sugárérzékeny szervet a felvétel készítése alatt. Ólomegyenértékét illetően, igazodva a technológia fejlődéséhez, illetve a panorámához képest magasabb teljesítményű berendezések miatt 0,5 mm Pb egyenértékű mellények, így biztosítva a védelmet a magasabb teljesítményű készülékek használatakor.

Kód	Típus	Elől	Hátul	Méret	Dimenzió (sz x h)
CM01	CBCT/CT	0,5 mm Pb	0,5 mm Pb	M	55 x 90 cm
CL01	CBCT/CT	0,5 mm Pb	0,5 mm Pb	L	65 x 90 cm
CXL01	CBCT/CT	0,5 mm Pb	0,5 mm Pb	XL	75 x 110 cm



Sugárvédelmi Intraorális kötényeink

Fogászati Intraorális felvételekhez, könnyített ólomgumi kötény, integrált pajzsmirigyvédővel, 0,25 mm Pb egyenértékkel, megfelelően igazodva az Intraorális röntgenberendezések teljesítményeihez.

Kód	Típus	Elől	Méret
IO01	Intraorális	0,25 mm Pb	felnőtt



Sugárvédelmi Thyroid pajzsmirigyvédők

Ólomgumi pajzsmirigyvédők, többfunkciós használatra, fogászati, illetve egyéb röntgenfelvétel kiegészítő védelmeként, a pajzsmirigy érzékenységéhez igazított 0,5 mm Pb egyenértékkel.

Kód	Típus	Ólomegyenérték
T01	Thyroid	0,5 mm Pb

Sugárvédelmi ólomtakarók

Az alábbi ólomgumitakaró használható minden radiológiai területen. A lényeg az, hogy az igényeinek megfelelő méretet válasszon.



Kód	Típus	Ólomegyenérték	Méret	Dimenzió (sz x h)
TS01	Sugárvédelmi ólomgumi takaró	0,50 mm Pb	S	60 x 60 cm
TM01	Sugárvédelmi ólomgumi takaró	0,50 mm Pb	M	90 x 60 cm
TL01	Sugárvédelmi ólomgumi takaró	0,50 mm Pb	L	120 x 60 cm



Színek



Smaragd zöld



Vattacukor Rózsaszín



Ibolya Lila



Citromsárga



Mandarinsárga



Bordó



Atlantikus Kék



Cseresznyepiros



Titánszürke



Égkék

Minták

Panda Pajtik



Állati Buli





**További rendelhető
termékeink**

Useful Information and Recommendations

General Information about Protective Aprons

Operator should make the right selection for the protective aprons for maximum protection in order to protect his/her body's most affected area by radiation. Especially chest, upper body, gonad and thyroid areas should be protected as a priority.

Aktif X-Ray protective aprons and accessories are manufactured by following the latest technology. With the utilization of advanced radiology instruments, we manufacture modern, light-weight, flexible, including rubber mixed lead models which have high protectivity. Aktiv x-ray protective aprons and accessories are designed to be favorable for long term treatments to patients.

Points to Consider During Order Process

It is highly important to wear an apron that fits on your body size.

Recommended Sizes;

Chest :

- Chest dimensions for Small size 80-90 cm
- Chest dimensions for Medium size 90-104 cm
- Chest dimensions for Large size 104-120 cm

Length :

- 90 cm apron is for 1.45 to 1.55 cm length
- 100 cm apron is for 1.55 to 1.60 cm length
- 110 cm apron is for 1.65 to 1.70 cm length
- 120 cm apron is for 1.75 to 1.85 cm length
- 130 cm apron is for 1.85 to 1.90 cm length

Please indicate your color preferences.

Pocket, name or logo can be added upon request.

Additional snap fastener or rubber belt can be added upon request. (For double sided models)

Certification



As it is directly associated with risks that cause very serious consequences such as irreversible harm to health or death, radiation protective aprons and accessories are in the scope of 2016/425 Persona! Protection Equipment Regulation/Category 3 (complex design) and have to be certified according to regulation before placing the market.E Manufacturer should add approved notified body number beside to CE mark on the product label after getting EC Type Examination and Module C2 or Module D certificates from the notified body.



Material Used

Protective Aprons and Accessories' Cover Material

Standard Fabric: Oxford type fabric which is produced especially for x-ray protection aprons with color variations shown below are used in manufacturing. This fabric is long-lasting and easy wiping in term of hygiene.

Interior Material

The interior lead or lead free polymer rubber material used for Aktif X-Ray Protective Aprons and Accessories is imported abroad and used in accordance to international standards. Our protective aprons received appreciation in Turkey and many other countries with its high quality materials and perfect workmanship.

Our standard protective aprons and accessories are made out of a light compound which contains polymer and protective material mixture. Besides standard 0, 125 mm LE, 0, 175 mm LE, 0,25 mm LE protective material thicknesses, upon the customer request, we can produce aprons in different protective values.

Light Weight

This protective product we called as light weight is 22% lighter but has the same protective capability as the other brands' similar products.

Lead Free

We can use nature friendly, easy recyclable lead free material with the same protection level of leaded one in our products upon customer request

Protection Value

Light Weight and Lead Free protective materials' protection value is at 80 kV,
0,50 mm Pb protective material protection ratio %99
0,35 mm Pb protective material protection ratio %97
0,25 mm Pb protective material protection ratio %95





Coat Apron With Velcro

This model is designed for users who are exposed to x-ray for long term. It is an ideal model for protection against scattered x-ray exposure. It provides maximum comfort, flexibility and lightness to users by its easy wear and take-off feature.

Thanks to its special design, it perfectly covers the shoulder and body and it is adjustable according to user's body for maximum protection even on shoulder bones.

Lead

LightWeight Lead
LeadFree (optional)

Lead

Front: 0,35 mm Pb or 0,50 mm
Pb Back: 0,25 mm Pb



Size	Front (Pb)	Back (Pb)	Length	Article
SMALL Shoulder Width 40 cm Hip size 60 cm	0.35 mm	0.25 mm	90 cm	128
			100 cm	129
			110 cm	130
			120 cm	606
			130 cm	607
	0.50 mm	0.25 mm	90 cm	132
			100 cm	133
			110 cm	134
			120 cm	608
			130 cm	609
MEDIUM Shoulder Width 48 cm Hip size 60cm	0.35 mm	0.25 mm	90 cm	135
			100 cm	136
			110 cm	137
			120 cm	138
			130 cm	139
	0.50 mm	0.25 mm	90 cm	140
			100 cm	141
			110 cm	142
			120 cm	143
			130 cm	144
LARGE Shoulder Width 53 cm Hip size 75 cm	0.35 mm	0.25 mm	100 cm	145
			110 cm	146
			120 cm	147
			130 cm	148
	0.50 mm	0.25 mm	100 cm	149
			110 cm	150
			120 cm	151
			130 cm	152



Coat Apron For Anesthesia

This model is designed for users who are exposed to x-ray for long term. It is an ideal model for protection against scattered x-ray exposure. It provides maximum comfort, flexibility and lightness to users by its easy wear and take-off feature.

Thanks to its special design, it perfectly covers the shoulder and body and it is adjustable according to the user's body for maximum protection even on shoulder bones.



Lead

LightWeight Lead
LeadFree (optional)

Lead

Front: 0,35 mm Pb or 0,50 mm
Pb Back: 0,25 mm Pb

Size	Front (Pb)	Back (Pb)	Length	Article
SMALL Shoulder Width 40 cm Hip size 60 cm	0.35 mm	0.25 mm	90 cm	153
			100 cm	154
			110 cm	155
			120 cm	156
			130 cm	157
	0.50 mm	0.25 mm	90 cm	158
			100 cm	159
			110 cm	160
			120 cm	161
			130 cm	162
MEDIUM Shoulder Width 48 cm Hip size 60cm	0.35 mm	0.25 mm	90 cm	163
			100 cm	164
			110 cm	165
			120 cm	166
			130 cm	167
	0.50 mm	0.25 mm	90 cm	168
			100 cm	169
			110 cm	170
			120 cm	171
			130 cm	172
LARGE Shoulder Width 53 cm Hip size 75 cm	0.35 mm	0.25 mm	100 cm	174
			110 cm	175
			120 cm	176
			130 cm	177
	0.50 mm	0.25 mm	100 cm	179
			110 cm	180
			120 cm	181
			130 cm	182



Front Apron

This more preferred model is designed for ones who are exposed to x-ray for long term. This is an ideal model for scattered x-ray from front side of operators. It gives maximum comfort, flexibility and lightness to operators with easy wear and take-off feature. It can be produced with belt and velcro upon customer request.



Lead

LightWeight Lead
LeadFree (optional)

Lead

Front: 0,35 mm Pb or 0,50 mm
Pb Back: 0,25 mm Pb

Size	Front (Pb)	Back (Pb)	Length	Article
SMALL Shoulder Width 40 cm Hip size 60 cm	0.35 mm	0.25 mm	90 cm	102
			100 cm	103
			110 cm	104
			120 cm	600
			130 cm	601
	0.50 mm	0.25 mm	90 cm	106
			100 cm	107
			110 cm	108
			120 cm	602
			130 cm	603
MEDIUM Shoulder Width 48 cm Hip size 60cm	0.35 mm	0.25 mm	90 cm	109
			100 cm	110
			110 cm	111
			120 cm	112
			130 cm	113
	0.50 mm	0.25 mm	90 cm	114
			100 cm	115
			110 cm	116
			120 cm	117
			130 cm	118
LARGE Shoulder Width 53 cm Hip size 75 cm	0.35 mm	0.25 mm	100 cm	119
			110 cm	120
			120 cm	121
			130 cm	122
	0.50 mm	0.25 mm	100 cm	123
			110 cm	124
			120 cm	125
			130 cm	126



Coat Apron With Belt

This more preferred model is designed for ones who are exposed to x-ray for long term. This is an ideal model for scattered x-ray from front side of operators. It gives maximum comfort, flexibility and lightness to operators with easy wear and take-off feature. It can be produced with belt and velcro upon customer request.



Lead

LightWeight Lead
LeadFree (optional)

Lead

Front: 0,35 mm Pb or 0,50 mm

Size	Front (Pb)	Length	Article
SMALL Shoulder Width 40 cm Hip size 60 cm	0.35 mm	90 cm	350
		100 cm	351
		110 cm	352
		120 cm	353
		130 cm	354
	0.50 mm	90 cm	355
		100 cm	356
		110 cm	357
		120 cm	358
		130 cm	359
MEDIUM Shoulder Width 48 cm Hip size 60cm	0.35 mm	90 cm	360
		100 cm	361
		110 cm	362
		120 cm	363
		130 cm	364
	0.50 mm	90 cm	365
		100 cm	366
		110 cm	367
		120 cm	368
		130 cm	369
LARGE Shoulder Width 53 cm Hip size 75 cm	0.35 mm	100 cm	371
		110 cm	372
		120 cm	373
		130 cm	374
	0.50 mm	100 cm	376
		110 cm	377
		120 cm	378
		130 cm	379



Double Sided Aprons

This more preferred model is designed for long term x-ray exposure. It gives maximum comfort, flexibility and lightness to operators with easy wear and take-off feature.

It can be produced with belt, thick banded and with Velcro upon customer request.



Lead

LightWeight Lead
LeadFree (optional)

Lead

Front: 0,35 mm Pb or 0,50 mm
Pb Back: 0,25 mm Pb

Size	Front (Pb)	Back (Pb)	Length	Velcro
SMALL Shoulder Width 40 cm Hip size 90-110 cm	0.35 mm	0.25 mm	90 cm	228
			100 cm	229
			110 cm	230
			120 cm	612
			130 cm	613
	0.50 mm	0.25 mm	90 cm	232
			100 cm	233
			110 cm	234
			120 cm	614
			130 cm	615
MEDIUM Shoulder Width 48 cm Hip size 110-125 cm	0.35 mm	0.25 mm	90 cm	235
			100 cm	236
			110 cm	237
			120 cm	238
			130 cm	239
	0.50 mm	0.25 mm	90 cm	240
			100 cm	241
			110 cm	242
			120 cm	243
			130 cm	244
LARGE Shoulder Width 53 cm Hip size 125-140 cm	0.35 mm	0.25 mm	100 cm	245
			110 cm	246
			120 cm	247
			130 cm	248
	0.50 mm	0.25 mm	100 cm	249
			110 cm	250
			120 cm	251
			130 cm	252



Double Sided Aprons with belt

This more preferred model is designed for long term x-ray exposure. It gives maximum comfort, flexibility and lightness to operators with easy wear and take-off feature.

It can be produced with belt, thick banded and with Velcro upon customer request.

Lead

LightWeight Lead
LeadFree (optional)

Lead

Front: 0,35 mm Pb or 0,50 mm
Pb Back: 0,25 mm Pb

Size	Front (Pb)	Back (Pb)	Length	Belt
SMALL Shoulder Width 40 cm Hip size 90-110 cm	0.35 mm	0.25 mm	90 cm	253
			100 cm	254
			110 cm	255
			120 cm	256
			130 cm	257
	0.50 mm	0.25 mm	90 cm	258
			100 cm	259
			110 cm	260
			120 cm	261
			130 cm	262
MEDIUM Shoulder Width 48 cm Hip size 110-125 cm	0.35 mm	0.25 mm	90 cm	263
			100 cm	264
			110 cm	265
			120 cm	266
			130 cm	267
	0.50 mm	0.25 mm	90 cm	268
			100 cm	269
			110 cm	270
			120 cm	271
			130 cm	272
LARGE Shoulder Width 53 cm Hip size 125-140 cm	0.35 mm	0.25 mm	100 cm	274
			110 cm	275
			120 cm	276
			130 cm	277
	0.50 mm	0.25 mm	100 cm	279
			110 cm	280
			120 cm	281
			130 cm	282



Double Sided Aprons with snap

This more preferred model is designed for long term x-ray exposure. It gives maximum comfort, flexibility and lightness to operators with easy wear and tak e-off feature.

It can be produced with belt, thick banded and with Velcro upon customer request.

Lead

LightWeight Lead
LeadFree (optional)

Lead

Front: 0,35 mm Pb or 0,50 mm
Pb Back: 0,25 mm Pb

Size	Front (Pb)	Back (Pb)	Length	Snap
SMALL Shoulder Width 40 cm Hip size 90-110 cm	0.35 mm	0.25 mm	90 cm	283
			100 cm	200
			110 cm	201
			120 cm	202
			130 cm	203
	0.50 mm	0.25 mm	90 cm	204
			100 cm	205
			110 cm	206
			120 cm	207
			130 cm	208
MEDIUM Shoulder Width 48 cm Hip size 110-125 cm	0.35 mm	0.25 mm	90 cm	209
			100 cm	210
			110 cm	211
			120 cm	212
			130 cm	213
	0.50 mm	0.25 mm	90 cm	214
			100 cm	215
			110 cm	216
			120 cm	217
			130 cm	218
LARGE Shoulder Width 53 cm Hip size 125-140 cm	0.35 mm	0.25 mm	100 cm	220
			110 cm	221
			120 cm	222
			130 cm	223
	0.50 mm	0.25 mm	100 cm	225
			110 cm	226
			120 cm	227
			130 cm	284



Double-Sided Apron Wrap Model

This wrap model apron provides perfect protection for front side of the body because it covers front completely. For the two sided x-ray expose , overall protection level is kepted as 0,25 mm Pb at single front part , so it gives 0,50 mm Pb protection for long term use by a lighter weight apron. It gives maximum protection and preferred by operator of Cardiology department and fields where there is too much x-ray. It has two models with belt and without belt giving maximum protection. It can be weared like a jacket and its cruvaze style overlaps to each other in order to give full protection on front side of human body and gonad region. The shoulder pacis decreases the load over the shoulders.

Lead LightWeight Lead
LeadFree (optional)

Lead Equivalent

Front: 0,35 mm Pb or 0,50 mm Pb
Back: 0,25 mm Pb

Size	Front (Pb)	Back (Pb)	Length	Article
SMALL Shoulder Width 40 cm Hip size 90-110 cm	0.35 mm	0.25 mm	90 cm	520
			100 cm	521
			110 cm	522
			120 cm	523
			130 cm	524
	0.50 mm	0.25 mm	90 cm	525
			100 cm	526
			110 cm	527
			120 cm	528
			130 cm	529
MEDIUM Shoulder Width 48 cm Hip size 110-125 cm	0.35 mm	0.25 mm	90 cm	530
			100 cm	531
			110 cm	532
			120 cm	533
			130 cm	534
	0.50 mm	0.25 mm	90 cm	535
			100 cm	536
			110 cm	537
			120 cm	538
			130 cm	539
LARGE Shoulder Width 48 cm Hip size 125-140 cm	0.35 mm	0.25 mm	100 cm	541
			110 cm	542
			120 cm	543
			130 cm	544
	0.50 mm	0.25 mm	100 cm	546
			110 cm	547
			120 cm	548
			130 cm	549



Vest Skirt Aprons

This so chick skirt and vest combination model provides ease for movement capability by distributing the weight between shoulders and waist. Skirt and vest model can be produced besides of our standard body size given above according to exact body size of operators upon request.

Lead

LightWeight Lead
LeadFree (optional)

Lead

Front: 0,35 mm Pb or 0,50 mm
Pb Back: 0,25 mm Pb

Lead Equivalent

Front : 0,25 mm Pb or 0,35 mm Pb (At the overlapped area in front side, the lead value is double)
Back : 0,25 mm Pb



Size	Front (Pb)	Back (Pb)	Vest Length	Skirt Length	Article
SMALL	0.25 mm	0.25 mm	60 cm	55 cm	415
	0.35 mm				401
MEDIUM	0.25 mm	0.25 mm	60 cm	60 cm	416
	0.35 mm				402
LARGE	0.25 mm	0.25 mm	60 cm	65cm	417
	0.35 mm				403



Vest Skirt Apron Wrap Model

This so chick skirt and vest combination model provides ease for movement capability by distributing the weight between shoulders and waist. Vest Skirt Apron Wrap Model provides perfect protection by fully covering front of the body with its overlapping panels (0, 175 mm/ 0,25 mm Pb). For instance, to provide 0,50 mm Pb protection for front of the body, two 0,25 mm Pb panel s are arranged to be overlapped. Besides the light weight in long term usage, wrap models also provides highest levei of protection. Vest Skirt Apron Wrap Model can be produced besides of our standard body size given above according to exact body size of operators upon request.

Lead LightWeight Lead
 LeadFree (optional)

Lead Equivalent

Front: 0,35 mm Pb or 0,50mm Pb (At the overlapped area in front side, the lead value is double) Back: 0,25 mm Pb

Size	Front (Pb)	Back (Pb)	Vest Length	Skirt Length	Article
SMALL	0.35 mm	0.25 mm	60 cm	55 cm	430
	0.50 mm				420
MEDIUM	0.35 mm	0.25 mm	60 cm	60 cm	431
	0.50 mm				421
LARGE	0.35 mm	0.25 mm	60 cm	65cm	432
	0.50 mm				422

Surgical Apron

It can be worn under the surgical gown to provide protection to operators in case of continuous shooting. Doctors do not want to take off it by themselves because they should not risk the hand sterilization. That's why an assistant can take off the velcro band, so the protection apron drop down. No need to use this apron if the shooting is finished.

Size	Front (Pb)	Article
50x80	0,25 mm	405
60x90		406
60x100		407
60x110		408
60x120		409
50x80	0,35	410
60x90		411
60x100		412
60x110		413
60x120		414

Lead

LightWeight Lead
LeadFree (optional)

Lead Equivalent

Front : 0,35 mm Pb or 0,50 mm Pb
Back : 0,25 mm Pb





Dental Aprons

Dentists use medical radiological examination techniques as Panoramic, Periapical, Sefalometric, Sinus graphics very often for diagnostic. That's why it is necessary to use protective aprons and thyroid collars during the treatment. Specially for children and pregnant it is not allowed to make shooting without protective apron.

Lead LightWeight Lead
LeadFree (optional)

Lead Equivalent

Patient Protection Apron

This model is produced especially for patient under dental treatment. This model eases the usage and has thyroid protector which provides giving maximum protection to user.

Lead LightWeight Lead
LeadFree (optional)

Lead Equivalent

Size	Front (Pb)	Back (Pb)	Length Width	Article
SMALL	0,35 mm	0,25 mm	60x60 cm	341
	0,50 mm			320
MEDIUM	0,35 mm	0,25 mm	70x60 cm	342
	0,50 mm			321
LARGE	0,35 mm	0,25 mm	75x75 cm	343
	0,50 mm			322

Front : 0,35 mm Pb or 0,50 mm Pb

Back : 0,25 mm Pb

Size	PB	Dimensions	Article
STANDARD	0,35 mm	60x100 cm	323
	0,50 mm		340

Front: 0,35 mm Pb or 0,50mm Pb





Double- Sided Apron For Children

The models are ease to wear and take off. They are tightened by Velcro bands. This model gives maximum protection and safety for children.

Lead LightWeight Lead
 LeadFree (optional)

Lead Equivalent

Front: 0,50 mm Pb
Back: 0,25 mm Pb

Aprons For Children

Children aprons are produced mostly as front and back protected. They are produced with belt to fit it to the body well and gives maximum safety and ease for usage.

Lead

LightWeight Lead
LeadFree (optional)

Lead Equivalent

Front: 0,50 mm Pb
Back: 0,25 mm Pb

Size	Front (Pb)	Back (Pb)	Article
3-5 Years	0,50 mm	0,25 mm	505
6-8Years			506
9-12Years			507
Set			508



Size	Front (Pb)	Back (Pb)	Article
3-5 Years	0,50 mm	0,25 mm	501
6-8Years			502
9-12Years			503
Set			504

Thyroid Collars

It is produced in order to protect the thyroid region which is one of the most effected part in human body from x-ray. It has 5 models: Standard, Hat Model, Large Hat Model, Panoramic and Children. It is recommended operators to have their own private thyroid collar as a matter of hygiene (sweating). The standard model can be mounted to double-sided aprons by snap fastener. It should be sewed to only Front side closed aprons

Lead LightWeight Lead
 LeadFree (optional)

Lead Equivalent 0,50 mm Pb

Model	PB	Article
Panoramic	0,50 mm	316
Large Hat Style		317
Standard		318
Hat Style		319
For Children		328
Hat Style Children		319/1



Hat Style Children



For Children



Standard



Hat Style



Large Hat Style

Ovary Shields and Gonad Shields



Ovary is the most sensitive regions of our bodies - where our genitals are located - to X-RAY. AKTIF X-RAY ovary shields provides ease for use, comfort and cleanliness and starts from 1.00 mm Pb lead level to provide the maximum protection. It is produced as 3 different models for 0-9 years , 9-16 years and over 16 years users.

Lead LightWeight Lead **Lead Equivalent** 1,00 mm Pb
LeadFree (optional)

Model	PB	Article
SMALL	1,00 mm	312
MEDIUM		313
LARGE		314
SET		315



Gonad Shields For Males

It must be used to protect gonad region -where our genitals are located-to X-Ray. It is produced as 3 different models for 0-9 years, 9-16 years and over 16 years users.

Lead LightWeight Lead **Lead Equivalent** 1,00 mm Pb
LeadFree (optional)

Model	PB	Article
SMALL	1,00 mm	324
MEDIUM		325
LARGE		326
SET		327



Leg Protectors

It must be used to protect gonad region -where our genitals are located-to X-Ray. It is produced as 3 different models for 0-9 years, 9-16 years and over 16 years users.

Lead LightWeight Lead **Lead Equivalent** 0,50 mm Pb
LeadFree (optional)

Model	PB	Article
STANDARD	0,5 mm	329

Exclusive Models

We offer exclusive production options with high quality materials and perfect workmanship for our customers.

Protective Caps

Perfectly fitted to head caps can be produced in a variety of lead equivalent values. They provide ease for usage with the touch and close fasteners.

Breast Shields

These shields are used in spine shoots. Its length can be adjusted with its touch and close fastener. For full spine shoots, it does not contain lead on neck. So it is ideal for scoliosis treatments.



Arm Protector



Wing Protectors



Breast Shields

Protective Caps

Perfectly fitted to head caps can be produced in a variety of lead equivalent values. They provide ease for usage with the touch and close fasteners.



Beret Model



Samurai Model



Bonnet Model

Back Relief Belts

Back Relief Belts are needed due to the heavy weight of protective aprons, disfunctioning of belts in time. Contrary to similar belts' loss of elasticity in time, this design provides long term usage. These belts offer safe hold and ease to wear and take off with its nonslip, adjustable buckle or touch and close fastener. It can be produced in 4 different sizes (S,M,L,XL) and 6 different colors on demand.



Back Relief Belts

Half Aprons

Half aprons can be used for gonad/ovary protector or many other purposes. It is easy-to-use and can be tightened to waist by means of velcro belt.

Lead LightWeight Lead
LeadFree (optional)

Lead Equivalent

0,50 mm Pb



Protective Covers

Any of the protective covers below can be used for all radiological environments. The important point is that you should select the proper size for your needs.

Lead LightWeight Lead
LeadFree (optional)

Lead Equivalent

0,35 mm Pb or 0,50 mm Pb



Model	PB	Article
20X25 cm	0,50 mm	301
30x30 cm		302
37x40 cm		303
40x50 cm		304
Set		305

Model	PB	Article
60x60 cm	0,35 mm	306
90x60cm		307
120x60 cm		308
60x60 cm	0,50 mm	309
90x60cm		310
120x60 cm		311

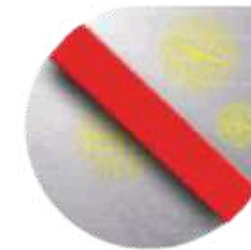
ANTIBACTERIAL SILVER LINE RADIATION PROTECTORS

PURE SILVER AND PURE PERFORMANCE

Rego X-Ray combines x-ray protection with additional protection against bacteria, odour and offers an anti-static performance as well as a cooling effect.

Our silver line fabrics used in X-Ray protective aprons offers much more advantages when compared with regular ones. Rego X-Ray silver line fabrics are produced with silver threads as its name suggests. These silver threads have antimicrobial affect so it provides protection against growth of bacteria and fungus that cause odor. At the same time these threads have anti-static and thermoregulation features. Fibre surface: no nanotechnology or complex chemical formula, just natural silver

Available in 4 colors: light-blue, navy-blue, emerald green and bordeaux.



ANTIMICROBIAL

Protection against growth of bacteria and fungus



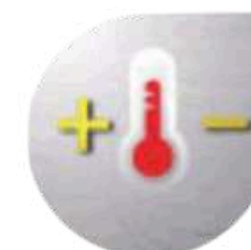
ANTI-ODOR

Eliminates odor in a natural way



ANTI-STATIC

Offers protection against electrostatic charge



THERMOREGULATION

Keeps you cooler during a long time treatment



DURABLE

Permanent effect during the whole life of X-ray protection cloth

Racks

It is important to store aprons in proper condition in order to long last their use life. At the same time, easy reach, user friendliness, small size and easy mounting are essential points of storage conditions.

Wall Mounted Apron Rack: (2 arms -3 arms -5 arms):

This user friendly and ergonomic hanger help to long last your apron's life . Special hooks can be mounted to this model for skirts.

Mobile Apron Rack Stainless Stell (5-10)

This mobile racks have metal foots and strong wheels which makes it to move easily. 5-10 aprons can be hanged.

Mobile Apron Rack:

With this rack you can store up to 10 aprons by using natural wooden or steel hangers. Please indicate the type and quantity of the hangers with your orders.

Natural Wooden Hanger:

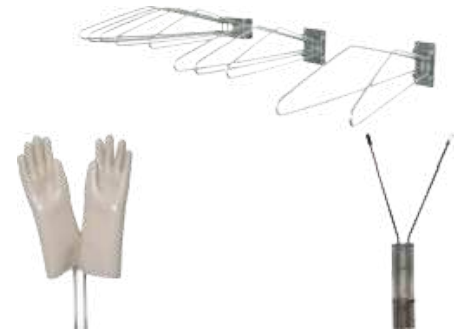
Strong wooden body, stainless steel hook part and proper design long lasts your apron's life. Capacity is only one apron. Color is teak.



Model	Article
Wall Mounted Rack For Gloves	400008
Wall Mounted Rack For Two Aprons	400025
Wall Mounted Rack For Three Aprons	400105
Wall Mounted Rack For Five Aprons	400104
Mobile Rack For Five Aprons Stainless Steel	400011
Mobile Rack ForTen Aprons Stainless Steel	400013
Natural Wooden Hanger	400015
Mobile Apron Rack	400111
Lux Mobile Rack with Shelf	400112

Wall Mounted Rack For Aprons

This special hanger has very important role for keeping lead gloves lifelong.





Lead Eyewear and Protective Masks

Lead Eyewear

Our lead eyewear is well-selected and gives the highest protection and comfort of use to operators. Panorama type eyewear is advised to be used in areas where there is radiation expose risk from sides of the head. PS: According to prescription of user, optically corrected lenses can be produced for panorama mode



Panorama



Ultralite 99



Fitover



Ultralite 9935



Ultralite 9941



Alumilities 99AL

Model	Pb	Article
Panorama	0,75 mm	700
Ultralite 99		701
Fitover		702
Ultralite 9935		704
Ultralite 9941		705
Alumilities 99AL		706
Panoramic Half Protection Mask	0,10 mm	707
Panoramic Full Face Protection Mask		708

Panoramic Half Protection Mask

A mask of leaded acrylic protection - covering over to almost complete surface of the face-can be applied. It is ideal for minimum bad -effect of radiation. It can be cleaned very easily. It must be kept away from high pressure and temperature.



Panoramic Full-Face Protection Mask

Leaded acrylic mask protects the complete face from forehead to chin. It has 20cm length. Adjustable headband gives use of comfort. It must be kept away from high pressure and temperature.



Lead Surgical Gloves

These gloves are made of natural dry rubber mixed with lead oxide. The mix of these two raw materials grants high elasticity and softness combined with the best x-ray protective curve without negative peaks typical of other protective materials. Each single gloves is controlled and tested by specialized operators that verify the full conformity to the Standards requisites and to the strictly requirements defined by our Quality Management System.

Models: XP-1 * Light Type XP-2** Medium Type XP-3*** HeavyType

Where To Use :

XP-1* Light Type :

Gives, maximum touch sense, it is self-lubricated (ease wearing), used more at angiography urology, hematology, gastroenterology, light-simple surgical operations.

XP-2 Medium Type :**

Medium thickness, self-lubricated (ease wearing), used more at urology, oncology centers, dentistry, surgery and cardiology.

XP-3* Heavy Type :**

It has thicker materials and proper for traumatology and nuclear field.



Lead Surgical Gloves

Aktif X-Ray lead gloves are flexible, homogenous and gives maximum safety to operator with 0,50mm Pb lead value.



Size	XP-1 * Light	XP-2** Medium	XP-3*** Heavy
6 1/2	750	756	762
7	751	757	763
7 1/2	752	758	764
8	753	759	765
8 1/2	754	760	766
9	755	761	767



Without Gloves 1 star 2 star 3 star

Absorbtion and Screening Percentage	60 Kv	80 Kv	100 Kv
XP-1* Light	36%	31%	27%
XP-2** Medium	61%	54%	47%
XP-3*** Heavy	72%	65%	59%

Model	Pb	Article
Leather Gloves	0,50 mm	772

Protective Curtains

As Aktif X-Ray we produce radiation protective lead curtains which provides ease for apply and usage.

Lead LightWeight Lead /LeadFree (optional)

Height Adjustable Mobile Protective Shield

This 60x60 cm sized, 0,50 mm Pb panel can be adjusted as 95x160 cm height. With 60 cm diameter aluminum caster system, it provides flexibility and can be immobilized with the 2 brake casters easily. We can produce it in any size and protective value on demand.

Curtains for Tables (Saddle Type)

These curtains can be produced as applicable for all types of tables and with the overlapping panel, it provides ease for usage while opening and closing the curtain. It is suitable for use in surgeries with C arm X-ray units and can be produced in any demanded size.



Lower Body Shields For Operation Tables

It can be mounted to operation table's accessories rail and protecting operator against secondary radiation coming through under secondary table. Table mounted model is designed to protect doctor and other staff against radiation during operation. Protective lead material's size is 116 cm x 76 cm, lead equivalent is 0,50mm Pb. Metal part is not magnetic. It can be mounted to both sides of operation table. It can move to front-back direction with ease on table accessory rail giving maximum comfort and safety.

Technical Features

Lead Equivalent:

0,50 mm Pb flexible curtain

Dimensions: Length:116cm xHeight:76cm

Color: Grey

Metal Part: Aluminum



Article	Pb
901	0,25 mm
725	0,35mm
713	0,50 mm

Leaded Doors and Protective Barriers

Our company produces protective lead doors and protective barriers in any demanded size and provides the mounting service. Our protective barriers produced in high quality and with its featured caster system it provides high mobility compared to its equivalent products. And as our doors are rabbeted, they provide maximum protection against x-ray compared to its equivalent products. Standard color of our doors and doorframes is white/beige. We can also produce sliding doors on demand. Doors and protective barriers can be produced as double leaf and triple leaf. Please demand proposal by notifying the sizes of protective barriers and sizes you need.



Standard Protective Barrier



Standard Protective Barrier With Large Glass



Lead Doors

Leaded Doors and Protective Barriers

Standard Protective Barrier

This 60x60 cm sized, 0,50 mm Pb panel can be adjusted as 95xl 60 cm height. With 60 cm diameter aluminum caster system, it provides flexibility and can be immobilized with the 2 brake casters easily. We can produce it in any size and protective value on demand.



Modell	Size	Pb	Glass	Article
Standard Protective Barrier	100x200 cm	2,00 mm	20x20 cm	720
Standard Protective Barrier With Large Glass	100x200 cm	2,00 mm	50x80 cm	721
Standard Lead Door	100x200 cm	2,00 mm	-	716

Standard Protective Barrier With Large Glass

Although the technical characteristics and sizes same as the standard protective barrier with a larger glass offers the user a wider viewing angle.



Lead Doors

Aktif X-Ray produces custom made leaded doors according to customer needs and gives installation service. Single, double and sliding doorset options are available. Leaded jambs grant a continuous shielding together with wall panels. All doorsets are equipped with high quality handles, heavy duty hinges/sliding system and perfect workmanship. Please send technical drawing with dimensions and protection level when you ask quotation.



LEADGLASS

Our lead glasses provide high quality transparency and protection. With high amounts of lead and barium substances it provides optimum protection between 100-300 Kv. We produce our lead glasses as 2600 mm x 1300 mm sized polished plates. At the same time, we can cut it in smaller sizes on demand. They are applicable far lamination so, they can be laminated with PV3 (polyvinyl butyral) as double layered. Our lead glasses are audited tightly and they have the certificate of conformity ISO 14001 and also quality standards.



- Area Of Usage

- Radiography and CT rooms
- Medical Diagnostic Screen
- Protective Window in Laboratories
- Lens of Protective Glasses
- Airport Safety Screens.

- Benefits Of Med - X

- Protection to 100-300 Kv devices radiation
- Optimum Protection with high lead and barium
- Transparent
- Convenient Far Lamination
- Big Sizes
- Up to 2600 mm x 1300 mm standard products.

Thickness	Minimum Lead Equivalence (mm) for Stated X-Ray Tube Voltage					
mm	100 Kv	110 Kv	150 Kv	200 Kv	250 Kv	300 Kv
5,0-5,5 mm 7,0-	1,7	1,6	1,5	1,3	1,3	1,3
8,5 mm 8,5-	2,3	2,3	2,1	1,8	1,8	1,8
10,0 mm 10,0-	2,8	2,8	2,5	2,2	2,2	2,2
12,0 mm 11,0-	3,3	3,2	2,9	2,5	2,5	2,5
13,0 mm 14,0-	3,7	3,5	3,3	2,8	2,8	2,9
16,0 mm 16,0-	N/A	4,7	4,1	3,5	3,6	3,7
18,0 mm	N/A	N/A	4,6	4	4,1	4,3

Protective Shields and Ceiling Mounted Systems

Overhead Suspended Shield Model 354

This ergonomically designed shield can be moved partially over a patient and adjusted to provide maximum protection to the practitioner's eyes and upper body. A central joint enables the lead acrylic window to turn and tilt until the optimum position is achieved.



- 0,50 mm lead acrylic with ball & socket joint can be positioned at any angle
- Shield can be placed over the patient for maximum protection
- The decision to locate the cut-out on the left or right can be made during installation, according to its intended use
- A version without the cut-out can be rotated horizontally if a wider shield is required
- Optional flexible 0,50 mm Pb curtains can be factory fitted to either version
- Other sizes available
- All of the above shields can be mounted on a ceiling column or on a ceiling track with or without a Surgical Lamp. Or, alternatively, on its own wall mounted.

Protective Shields and Ceiling Mounted Systems

Overhead Suspended Shield Model 351

The lead acrylic window of this shield is placed partially over the patient for effective protection against scatter radiation to the eyes and upper body. The wide format provides a safe zone for the practitioner and for personnel assisting close by. The window can be turned to the most convenient angle or removed immediately for emergency access to the patient.



- 60x80 cm 0,50 mm lead acrylic window ensures protection against scatter radiation to the eyes & upper body
 - Wide configuration provides a safe zone for user and personnel close by
 - Contoured shield can be placed over the patient for maximum protection
 - A version without the cut-out is available
 - Optional 0,50 mm Pb flexible curtain can be fitted to either version for additional protection
- All of the above shields can be mounted on a ceiling column or on a ceiling track with or without a Surgical Lamp. Or, alternatively, on its own wall mounted.

Protective Shields and Ceiling Mounted Systems



Overhead Suspended Shield Model 350

These compact shields ensure maximum dose reduction to the eyes by the use of high-quality lead glass, with a lead equivalency of 2,00 mm Pb. The windows can turn horizontally & vertically until the ideal angle is obtained for protection. This also helps eliminate reflections from lights or other equipment and ensures a clear view of the patient.

- Easy to move overhead shield
- Maximum protection for eyes & thyroid
- Available as 30x40 cm or 40x50 cm
- 2,00 mm Pb lead window with 0,50 mm Pb curtain @150 kV
- Different curtain lengths available



Ceiling Track Mounted Shields & Surgical Lamps

A ceiling track provides maximum positioning flexibility, enabling the shield and/or lamp to be moved easily into the working area. When not in use they can be parked up to 5.5 metres away.

- Ceiling tracks are 2,5 metres long, compact and exceptionally easy to install & use. They can be positioned at any angle across the ceiling.
- Ceiling tracks are useful when static mounts prevent the movement of other equipment.
- The smooth running track carriage will accommodate one or two shields or surgical lamps or a combination of both.
- An additional carriage can be fitted if independent movement of a lamp and shield is required.

Lead Shielding

Radiation safety rules and regulation requires wall of the rooms (Radiography, tomography, computer aided tomography, radiotherapy, X-Ray) to be leaded isolation. Our company produces also windows and doors of these rooms beside their walls. Please send your inquiry with technical drawing of your room.

What we do;

By our team having 25 years experience;
Shielding for radiography and tomography rooms according to TAEK and World standards. Design and shielding for dental panoramic radiography rooms. Fully customized leaded doors in different models and sizes
Fully customized protective barrier (fixed, mobile and any size

WINDOWS - FLOORS - CEILINGS SHIELDINGS

X-Ray Windows Shielding:

X-Ray windows shielding system is made by sliding shutters, made of strong wood box panels with interposed lead, calibrated and brushed .

X-Ray Floor Shielding With Lead Sheets:

For shielding are used lead sheets protected by tarred felt paper .The sheets overflow near the junctions and wall edges to avoid escape radiations outgoing.

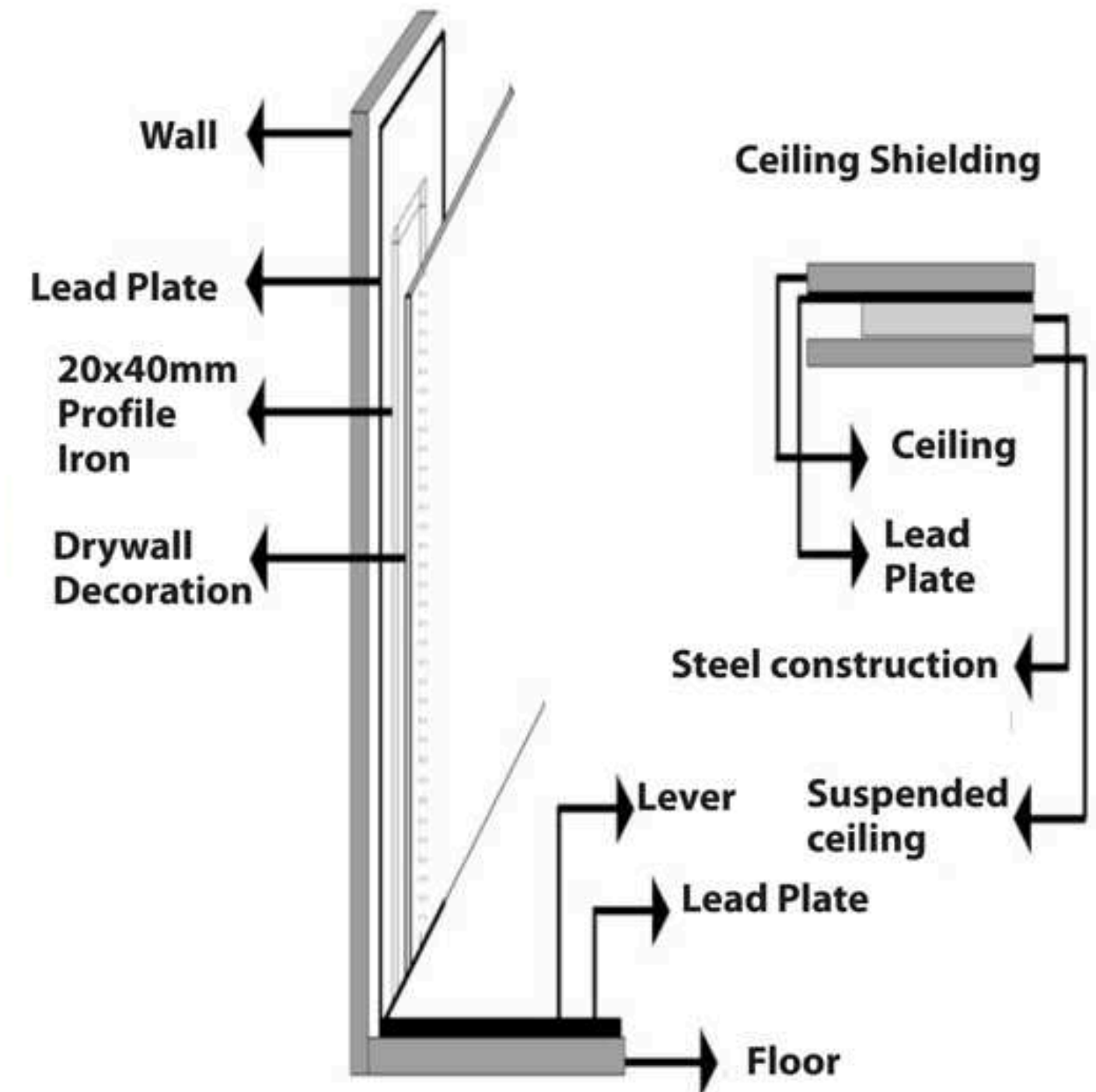
X-Ray Ceiling Shielding:

Ceiling shielding is made using X-Ray panels with the same features of wall-panels . Panels fixing is made of wood structure (minimum section cm 6x6) fixed on ceiling by supports.

Lead Shielding



Wall and Floor Shielding



Rontgen Accessories

Positioning Aids

We have positioning aids set which are used during radiological examination and theraphies. The set includes 9 parts; 2 circular, 1 cylindrical, 1 rectangle, 4 triangle, 1 pyrisma.



Patient Table Pad

It can be produced in customized size upon request. Width :60 cm
Height : 200 cm



Lead Letters and Warning Signs

We provide a variety of lead letters and numbers. Warning signs are mandatory to use in radiation exposed areas.



İÇERİ GİRMEYİNİZ
DO NOT ENTER



Definition	Article
Standard Kit with Baa (uncoated)	614013
Standard Kit with Bag	614113
CT shots model	614118
New Polvetilen Kit with Baa	614213
Multipurpose Pad	666666

Computerized Tomography Grayshield Eye and Thyroid Protectors

Grayshield eve and thyroid protectors (1,4 mm thickness) provides 0, 125 mm Pb lead equivalent protection.

Grayshield Thyroid Protectors

We provide a variety of lead letters and numbers. Grayshield Thyroid Protectors are designed to fit exactly on adam's apple and produced to protect thyroids, which are sensitive to x-rays, du ring tomography and other radiographies.

As Grayshield Tyhroid and Eye Protectors are for single use only, they are prevent contagious diseases. They can be considered as domestic waste because they are composed of barium sulfate.

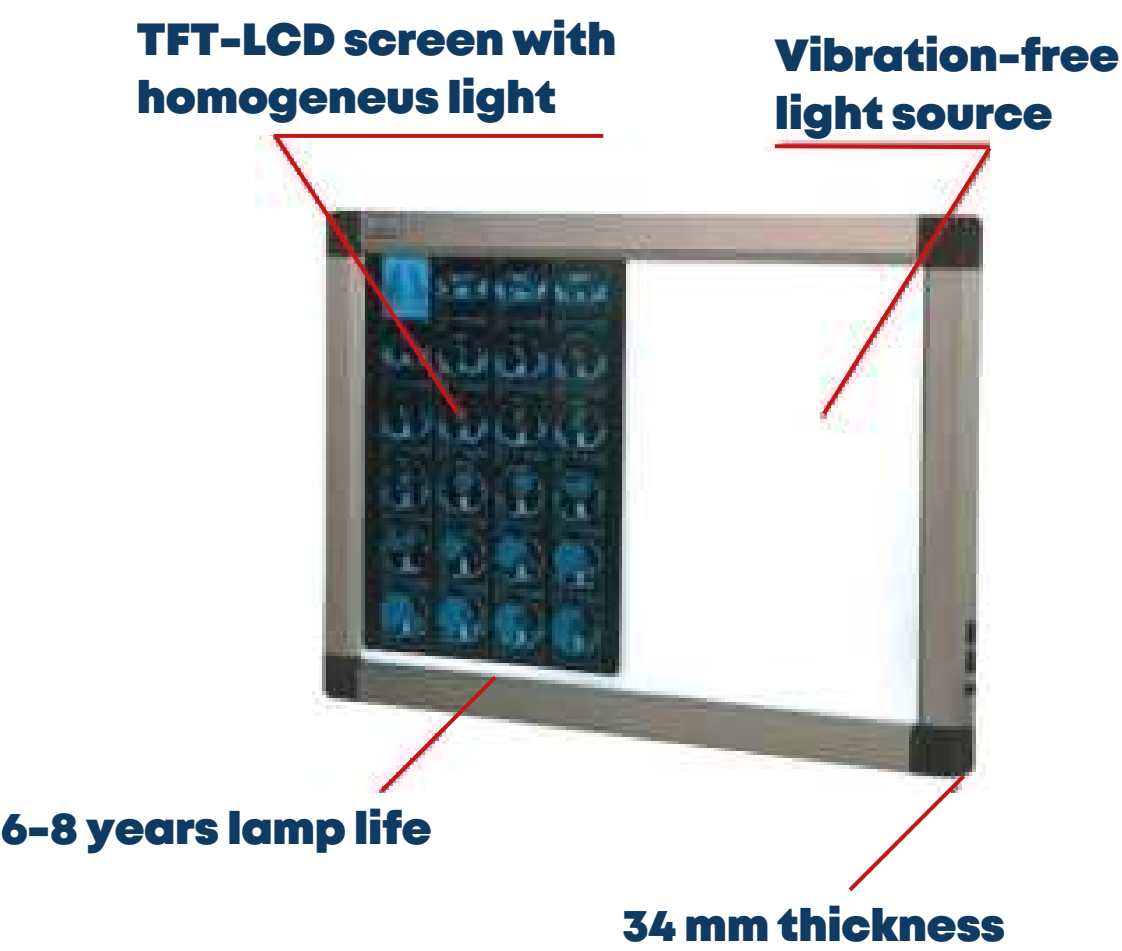




Negatoscopes

Technical Specifications

- 34 mm thickness
- TFT-LCD screen with homogeneous light
- Special light characteristic for rontgen, mammography, MR and CT films
- Using desired panels
- Special light colors and intensity
- 6-8 years lamp life
- Minimum eye fatigue due to vibration-free light source
- Energy saver lamps (CCFL/LED)
- Use option DCI 2V or AC 220 V
- Stylish design
- Optional specialized production
- Can be mounted horizontally of vertically
- Can be used on table with back stand
- 2 year warranty



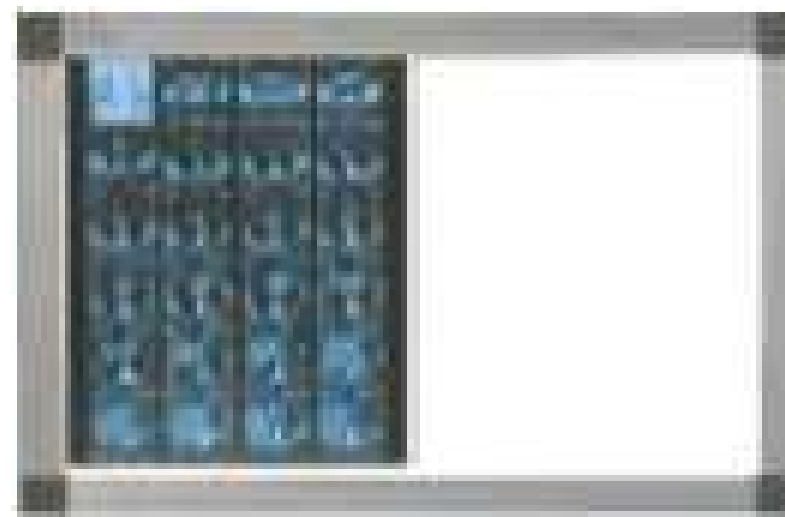
IRIS Light Type	IRIS Circle	Bright Power	Article
Standard	5-100 mm	70.000 lux	643170
Model -An	5-100 mm	70.000 lux	643171

NOTE: Please ask information about mammography negatoscope.

Negatoscopes STANDARD MODELS



Panoramic Negatoscope
(25x40 cm) Article: 643006



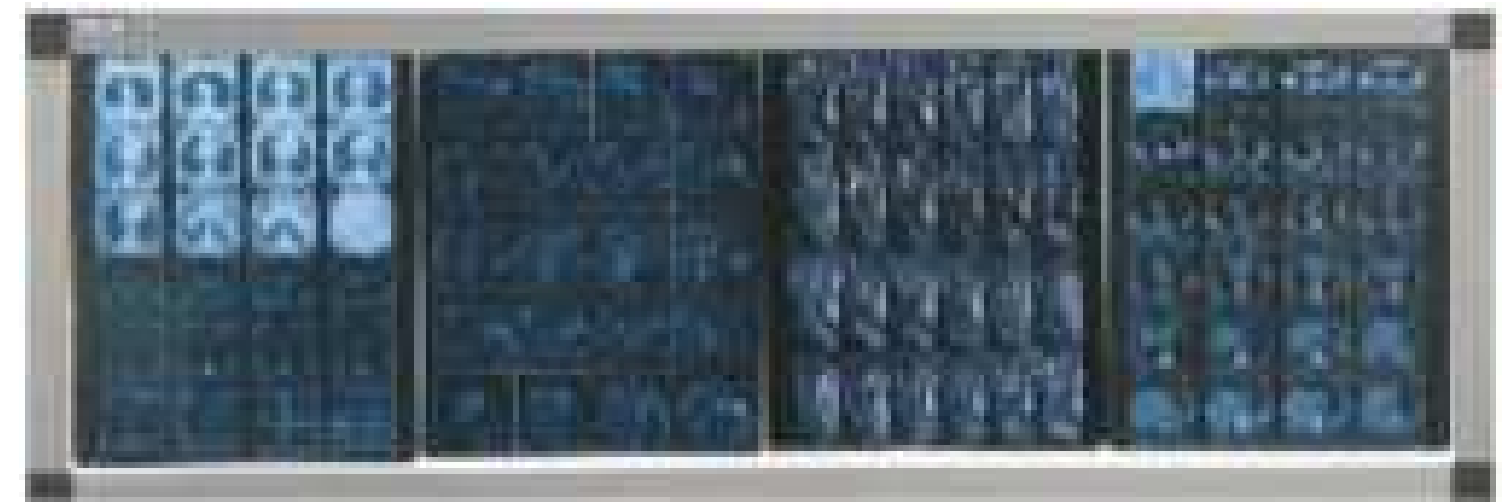
Double Negatoscope
(80,4x51,4 cm) Article: 643101



Single Negatoscope
(44,7x51,4 cm) Article: 643100



Triple Negatoscope
(116,4x51,4 cm) Article: 643102



Quadruple Negatoscope
(151,6x51,4 cm) Article: 643103

Colon Set



Instruction For Use

1. Join the application tip and enema bag,
2. Close all clamps,
3. Pour prepared solution to enema bag,
4. Close and tighten the lid of enema bag,
5. Before apply to patient, open clamp on application hose in order to let solution to reach to tip,
6. Lubricate the tip using Vaseline,
7. Locate the tip slightly inside rectum,
8. Squeeze the pump once and inflate the silicon balloon by opening clamp.

A) SLIMLINE - 3 WAYS DOUBLE CONTRAST COLON TIP

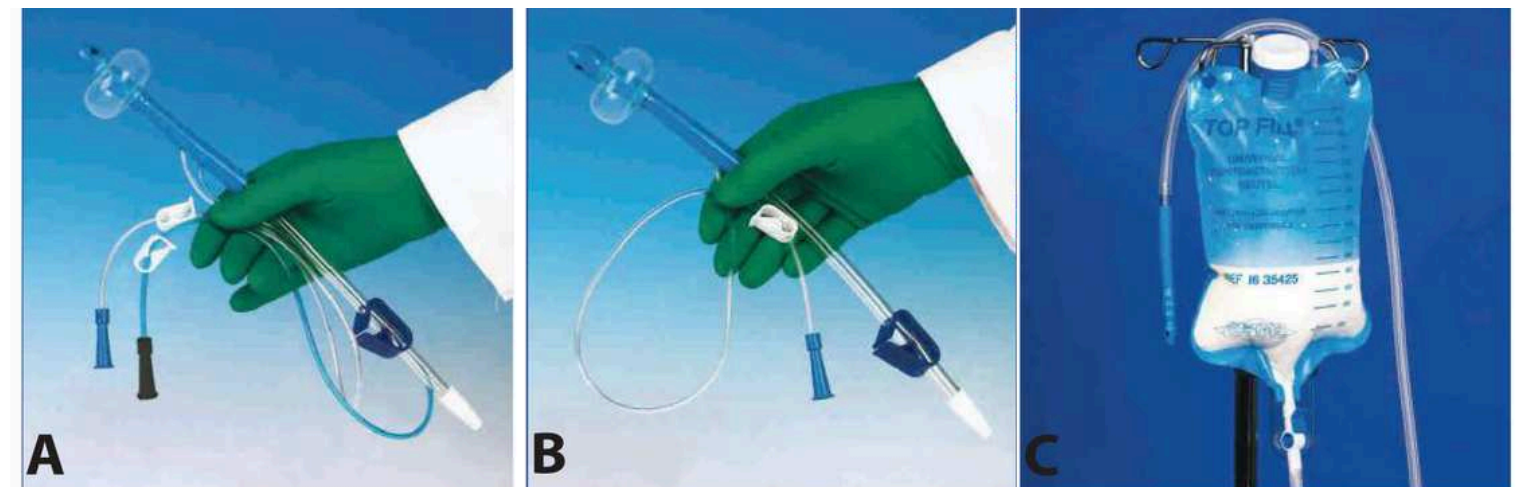
1. 18 mm diameter flexible tip and air canal with clamp for dispensing the radioopaque material to body,
2. Silicon balloon and clipped air entry part which keeps tip stuck to body during application,
3. Air entry with clamp for air radiographic shots.

B) SLIMLINE - 1 WAYS DOUBLE CONTRAST COLON TIP

1. 18 mm diameter flexible tip and air canal with clamp for dispensing the radioopaque material to body,
2. Silicon balloon and clipped air entry part which keeps tip stuck to body during application,
3. Air entry with clamp for air radiographic shots.

C) ENEMA BAG

1. Designed specially in order to increase speed of solution flow,
2. It has scale, it can contain 3000 ml solution in fully capacity,
3. Screwed and airtight lid,
4. Clamper Extension Hose.



Colon Set

CONSIDERE POINTS

1. Do not use vinil or latex containing gloves,
2. Take care of not to make pressure to vagus nerve,
3. Do not make fast or deeper the application,
4. Squeeze the pump only once in order to inflate approx. 100cc air, do not give more, it can explode and harm patient.

THIS PRODUCT IS APPLICABLE FOR DOUBLE OR SINGLE CONTRAST USAGE. IT IF SINGLE USE. PUMP IS NOT FOR SINGLE USE SO, THE SET DOES NOT CONTAIN PUMP. IT CAN BE PROVIDED ON DEMAND. THE COLON TUBE IS PRODUCED WITH ENVIRONMENT FRIENDLY PLASTIC, PLEASE DISPOSE IT PROPERLY AFTER USAGE.

DO NOT USE IN THE FOLLOWING SITUATIONS:

1. Do not use on patients have colostomy.
2. Pump;
 - a) In rectal anastomosis that don't go in deep,
 - b) In proctitis, inflammatory or neoplastic rectum diseases,
 - c) In first rectal surgery attempts.

Modell	Code
Double Contrast Colon Tube	613001
Single Contrast Colon Tube	613002
MediumBag	613008
Pump	613004

Elérhetőségeink



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