

LM

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

Lamps, Lighting

Desk Lamp

Desk Lamp, fluorescent bulb-type

With adjustable, spring balanced arm, clamp for horizontal surfaces up to 55mm thick, alternative heavy table base and shade that can be moved in three planes to provide height, swivel and tilt adjustment. Finished in white. Maximum reach of arm 850mm. Supplied with 11W daylight fluorescent tube with a shade length of 300mm. For 220-240V 50Hz single phase supplies.

LM115-60 Fluorescent lamp

Digital Luxmeter 545



- ◆ Portable
- ◆ Two resolution levels
- ◆ Accuracy to DIN5032 part 6
- ◆ Infra-red print communication for use with accessory printer

Catalogue No.	LM170-50		
Model	545		
Range	lux	0 to 100000	
Resolution	range 0 to 32000	lux	1
	range 0 to 100000	lux	10
Datalogging	3000 measurements		
Display	4-line LCD		
Overall	mm	220 x 68 x 50 (meter)	
Power	9V battery MN1604 or equivalent		

Digital Luxmeter, Testo 545

As described. Supplied with probe, operation and calibration manuals, and 9V battery.

LM170-50 Testo 545 Luxmeter

BL610-25 Spare 9V battery

Thermal paper printer

With infra-red cordless data communication. Supplied with 4 x AA batteries and 1 roll of paper.

AN472-40 Printer

Spare thermal paper for AN472-40, pack of 6 rolls.

AN472-45 Paper

BL610-15 Spare 1.5V battery for AN465-75 (4 required)



LM115-60



LM170 in use

Lamps, Lighting

Ultraviolet Lamps

Ultraviolet Lamps

Wavelength figures given are for approximate peak output. Hand held except LM232-14 which can also be benchstanding. For 230V 50/60Hz single phase supplies except LM197-10, LM198-13 and LM199-16 which require 4 x AA batteries not supplied and LM232-15 which incorporates a rechargeable, gel-based, lead acid battery and is supplied with a charger for 230V 50/60Hz a.c.

	Model	Wave-length nm	Relative Intensity $\mu\text{W}/\text{cm}^2$ at 75mm	Dimensions L x W x H mm
LM197-10	UVG4	254	170 Battery operated	159 x 25 x 51
LM198-13	UVL4	365	230 Battery operated	159 x 25 x 51
LM199-16	UVSL-14P	254/365	113/68 Battery operated	159 x 25 x 51
LM200-10	UVL21	365	1000	198 x 71 x 53
LM202-12	UVG11	254	1120	198 x 71 x 53
LM204-14	UVGL25	254/365	760/720	198 x 71 x 53
LM215-10	UVL56	365	1350	378 x 81 x 64
LM217-12	UVG54	254	2250	378 x 81 x 64
LM219-14	UVGL58	254/365	1350/1200	378 x 81 x 64
LM232-15	UVSL-26P	254/365	90/710 Battery operated	241 x 71 x 238

Ultraviolet Protection

Suitable eye protection must be worn when using shortwave emitting lamps. Shortwave can produce skin burns. Protective clothing or barrier creams should be worn on exposed skin areas. Avoid shining UV light on reflective surfaces. Longwave ultra-violet is considered generally harmless. However some people may be particularly sensitive and care must be exercised whenever UV light is used.

Accessory batteries

For LM197-10, LM198-13 and LM199-16

BL610-15 AA type battery (4 required for each lamp)

Ultraviolet Eye Protection

Eye Protection

Essential for anyone working with shortwave radiation which can cause a delayed reaction of 'sunburn' to unprotected eyes and skin. Also eliminates the 'blue haze' associated with long wave radiation.

Spectacles UV

Lightweight impact resistant clear polycarbonate, for occasional use. With side panels protecting against peripheral exposure.

LM370-15 UV spectacles

Goggles UV

Specially formulated, lightweight plastic construction gives optimum viewing contrast and reduced eye fatigue. Flexible rubber frame with air vents enable comfortable use over long periods, even over prescription spectacles. Provide full periphery protection.

LM370-25 UV goggles



Front: LM200/202/204 LM215/217/219 Rear: LM232-15



LM197

LM199

LM198



LM370-15

LM370-25

Lamps, Lighting

Ultraviolet Viewing Cabinets

Viewing Cabinet, UVP C-10

For examining samples under UV light. The viewing port incorporates a filter which eliminates 'blue haze'. A recessed opening in the top accepts any one of the UV lamps detailed below. Large samples such as TLC plates can be accommodated by removing the base panel. Overall dimensions 229 x 267 x 305mm. Weight 1.6kg. Without UV lamp.

LM400-10 C-10

Suitable lamps for use with above are:-

Longwave

LM200-10 UVL21

LM215-10 UVL56

Shortwave

LM202-12 UVG11

LM217-12 UVG54

Multiband

LM204-14 UVGL25

LM219-14 UVGL58

Viewing Cabinets, UVP, Large Format

Model C-70G has two each 15W shortwave and longwave UV tubes mounted on one side of the cabinet. Control switches allow convenient selection of short or long wavelengths or an interior white light.

Model C-71 has four 15W longwave UV tubes providing brilliant fluorescence for applications such as non-destructive testing.

Model C-75 offers high intensity 15W shortwave and longwave tubes on two sides of the cabinet providing uniform illumination for fluorescence studies.

With removable base panel so that the cabinet can be placed over large samples or a transilluminator. Each model includes built-in UV tubes as indicated, on/off and control switches and interior white light, for 230V 50Hz a.c. single phase supplies.

	Model	Wavelength, nm	Tubes, W	Interior L x W x H, mm
LM410-15	C-70G	254/365	15	432 x 356 x 127
LM410-25	C-71	365	15	432 x 356 x 127
LM410-35	C-75	254/365	15	533 x 330 x 400



LM400 with lamp



LM410-15

Transilluminators

Transilluminators, UVP TFM-V

High performance, mid-range (302nm) transilluminators for viewing fluorescent materials or fluorescent-dyed samples within electrophoresis gels. With 25W tubes for high intensity performance and uniform background UV illumination. Variable intensity output allows either analytical documentation work or reduced photoniccking or bleaching of gel samples during prep work, respectively. Robust sturdy construction with adjustable angle UV blocking cover to shield the operator from harmful UV radiation. Overall 486 x 337 x 143mm W x D x H. Weight 9kg. For 230V 50/60Hz a.c. single phase supplies.

	Model	Filter size, cm	Tubes, W
LM420-22	TFM-20-V	20 x 20	25
LM420-28	TFM-26-V	21 x 26	25
LM420-32	TFM-30-V	25 x 30	25
LM420-42	TFM-40-V	20 x 40	25

Note: Suitable eyewear must be worn when using these transilluminators – see LM370.

Electrophoresis tanks and equipment – see EL230/EL345.



LM410-35



LM420

Lamps, Lighting

Hollow Cathode Lamps

For use with atomic absorption spectrophotometers.

- ◆ Sharp, narrow band width spectral lines
- ◆ Quartz or Pyrex window depending on wavelength
- ◆ Filled with neon

General purpose lamps

Element	Element
LM600-10 Aluminium	LM602-27 Manganese
LM600-12 Antimony	LM602-32 Mercury
LM600-15 Arsenic	LM602-34 Molybdenum
LM600-20 Barium	
LM600-22 Beryllium	LM602-37 Nickel
LM600-24 Bismuth	LM602-39 Phosphorus
LM600-25 Cadmium	LM602-40 Platinum
LM600-30 Calcium	LM602-42 Potassium
LM600-35 Chromium	LM604-14 Selenium
LM600-40 Cobalt	LM604-17 Silicon
LM600-45 Copper	LM604-19 Silver
LM602-08 Gold	LM604-24 Sodium
LM602-12 Iron	LM604-29 Tin
LM602-17 Lead	LM604-32 Titanium
LM602-19 Lithium	LM604-33 Tungsten
LM602-22 Magnesium	LM604-34 Zinc

With this range accessory connecting leads and adapters are required for use with Perkin-Elmer Spectrophotometers.

Adapter for Perkin Elmer models

LM615-12

Lead for Perkin Elmer models

LM615-14



LM600 to LM6404

Portable Lightboxes

- ◆ Robust aluminium frame with opal acrylic diffuser and toughened glass working surface
- ◆ Consistent, reproducible illumination level across the whole screen
- ◆ Available in A4, A3 and A2 screen sizes
- ◆ Cool white fluorescent illumination
- ◆ A3 and A2 size models have switchable lamps for "half screen" operation and tilt mechanism to adjust the viewing angle

Catalogue No.	LM630-45	LM630-50	LM630-55
Screen size	A4	A3	A2
Viewing area mm	380 x 230	488 x 300	600 x 433
Fluorescent tubes	2 x 8W	2 x 15W	2 x 20W
Overall W x D x H mm	400 x 360 x 310	610 x 440 x 240	765 x 570 x 220
Weight kg	6	10	15

Portable lightboxes

As described. For 230V 50Hz single phase supplies.

LM630-45 Light box, A4

LM630-50 Light box, A3

LM630-55 Light box, A2



LM630

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

аер@nt-rt.ru || <https://ajcope.nt-rt.ru/>