

# TV SETS



 **UNITRA**



# UNITRA

**FOREIGN TRADE Co. Ltd.**  
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Foreign Trade Company Ltd. is an exporter  
of consumer electronics of the following works:

 **UNITRA**  
DIORA

Zakłady Radiowe  
Świdnicka 38  
58-200 Dzierżoniów, Poland

HI-FI systems, receivers, radios, car radios

 **UNITRA**  
ELTRA

Zakłady Radiowe  
Sobieskiego 1  
85-959 Bydgoszcz, Poland

portable mono & stereo radio receivers, stereo & mono radio  
recorders, tuners, amplifiers, electronic organs, loudspeakers systems

 **UNITRA**  
FONICA

Łódzkie Zakłady Radiowe  
Wróblewskiego 16/18  
93-578 Łódź, Poland

turntables & record players, amplifiers, disco equipment,  
pick-up cartridges

 **UNITRA**  
LUBARTÓW

Zakłady Wytwórcze Magnetofonów  
Lubelska 104  
21-100 Lubartów, Poland

stereo & mono radiorecorders, cassette recorders, cassette mechanisms,  
cassette heads

 **UNITRA**  
MAGMOR

Zakłady Mechaniki Precyzyjnej  
Beniowskiego 5  
80-382 Gdańsk, Poland

car players, HI-FI systems, cassette recorders, cassette mechanisms

 **UNITRA**  
RZESZÓW

Zakłady Radiowe  
ul. Przemysłowa 14  
35-105 Rzeszów, Poland

mono & stereo portable radio receivers

 **UNITRA**  
TONSIL

Zakłady Wytwórcze Głośników  
Daszyńskiego 2/3  
62-300 Września, Poland

loudspeaker boxes, microphones, headphones, speakers

 **UNITRA**  
UNIMOR

Gdańskie Zakłady Elektroniczne  
Rzeźnicka 54/56  
80-822 Gdańsk, Poland

portable & stationary B & W TV sets, CTV sets

 **UNITRA**  
WZT

Warszawskie Zakłady Telewizyjne  
Matuszewska 14  
00-987 Warszawa, Poland

portable & stationary B & W TV sets, CTV sets,  
TV tuners

 **UNITRA**  
ZRK

Zakłady Radiowe im. M. Kasprzaka  
Kasprzaka 18/20  
01-211 Warszawa, Poland

mono & stereo radiorecorders, HI-FI systems, HI-FI cassette decks,  
tape recorders, receivers, cassette mechanisms, cassette heads

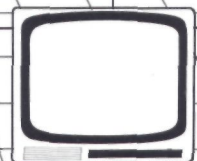


# TV SETS





TV SETS





## 12" PORTABLE TV SET VELA 203



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### 12" PORTABLE TV SET VELA 203

- plastic cabinet in various colour versions, with a carrying handle
- integrated VHF/UHF tuner
- four- or seven-position programme selector
- brightness, contrast and volume controls
- two telescopic aerials
- 75  $\Omega$  aerial input
- headphone output socket

#### SPECIFICATIONS

Frequency bands

channels 1—12 VHF and 21—60 UHF  
according to D,K-OIRT, or  
optionally, CCIR standards.  
French and English standard  
options are also available.

Picture tube:

- type
- size
- deflection angle
- Programme preselection
- Sound output power
- Power supply:
- car battery
- mains
- Dimensions
- Weight

A 31 — 310 W  
31 cm (12")  
110°  
4 (or 7) switches  
1 W max.  
  
12 V, 20 W  
220 V, 50 Hz, 45 VA  
315 x 270 x 260 mm  
7 kg

Manufacturer

UNITRA—WZT



## 12" PORTABLE TV SET VELA 205



### 12" PORTABLE TV SET VELA 205

- plastic cabinet in various colour versions, with a carrying handle
- integrated VHF/UHF tuner
- four- or eight-position programme selector
- brightness, contrast and volume controls
- two telescopic aerials
- 75  $\Omega$  aerial input
- headphone output socket

#### SPECIFICATIONS

Frequency bands

channels 1—12 VHF and 21—60 UHF  
according to D,K-OIRT, or  
optionally, CCIR standards.  
French and English standard  
options are also available.

Picture tube:

- type
- size
- deflection angle
- Programme preselection
- Sound output power
- Power supply:
- car battery
- mains
- Dimensions
- Weight

A 31 — 310 W

31 cm (12")

110°

4 (or 8) switches

1 W max.

12 V, 20 W

220 V, 50 Hz, 45 VA

330 x 275 x 280 mm

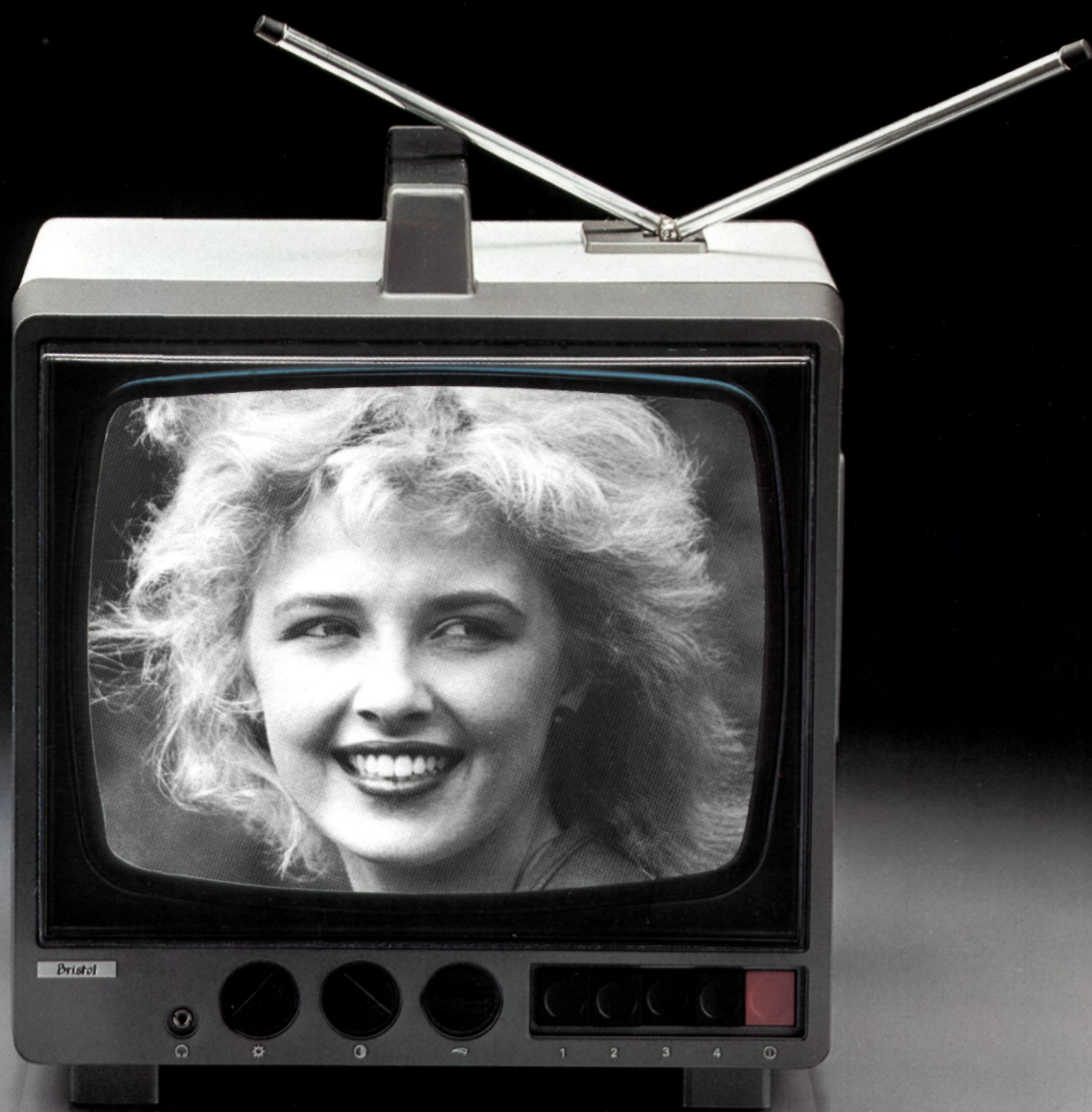
7 kg

Manufacturer

UNITRA—WZT



## 12" PORTABLE TV SET VELA 206





## 12" PORTABLE TV SET VELA 206

### 12" PORTABLE TV SET VELA 206

- wooden cabinet with a carrying handle
- integrated VHF/UHF tuner
- four-position programme selector
- brightness, contrast and volume controls
- two telescopic aerials
- 75  $\Omega$  aerial input
- headphone output socket

### SPECIFICATIONS

Frequency bands

adapted for reception of French standard programmes. Other standards optional.

Picture tube:

— type

A 31 — 310 W

— size

31 cm (12")

— deflection angle

110°

Programme preselection

4 switches

Sound output power

1 W max.

Power supply:

— car battery

12 V, 20 W

— mains

220 V, 50 Hz, 45 VA

Dimensions

325 x 325 x 255 mm

Weight

8.5 kg

Manufacturer

UNITRA—WZT



## 12" PORTABLE TV SET NEPTUN 150



### 12" PORTABLE TV SET NEPTUN 150

- plastic cabinet with a carrying handle
- module design
- good programme reception in various camping conditions
- automatic frequency control (AFC), with a switch
- headphone output socket
- seven-position programme selector

#### SPECIFICATIONS

##### Frequency bands

channels 1—12 VHF and 21—60 UHF  
 according to D,K-OIRT, or  
 optionally, CCIR standards

##### Picture tube:

- type
- size
- deflection angle

implosion-proof  
 31 cm (12")  
 110°

##### Aerials

coaxial socket 75  $\Omega$ , common for  
 VHF and UHF aerials, and built-in  
 telescopic aerial. Optional  
 circular or foldable stub  
 aerials.

##### Power supply:

- car battery
- mains

12 V, 17 W  
 220 V, 50 Hz, 25 VA max.

##### Sound output power

1 W

##### Dimensions

310 x 260 x 240 mm

##### Weight

8 kg

##### Manufacturer

UNITRA—UNIMOR



## 12" PORTABLE TV SET NEPTUN 171

### 12" PORTABLE TV SET NEPTUN 171

- plastic cabinet with a carrying handle
- single horizontal printed circuit board design
- good programme reception both in home and camping conditions
- automatic frequency control (AFC) with a key switch
- headphone output socket
- six-position programme selector

#### SPECIFICATIONS

Frequency bands

channels 1—12 VHF and 21—60 UHF  
according to D,K-OIRT, or optionally,  
CCIR standards

Picture tube:

— type

implosion-proof

— size

31 cm (12")

— deflection angle

110°

Aerials

coaxial socket 75  $\Omega$ , common for  
VHF and UHF aerials, and built-in  
telescopic aerial. Optional circular  
aerial, supplies additionally

Power supply:

— car battery

12 V, 20 W

— mains

220 V, 50 Hz, 40 VA

Sound output power

1W

Dimensions

298x320x270 mm

Weight

7 kg

Manufacturer

UNITRA—UNIMOR



## 24" TV SET URAN

### 24" TV SET URAN

- single horizontal printed circuit board design, fully solid state
- integrated VHF/UHF tuner
- three- or five-position programme selector
- common VHF/UHF coaxial 75  $\Omega$  aerial input
- headphone and tape recorder output sockets

### SPECIFICATIONS

#### Frequency bands

channels 1—12 VHF or 21—60 UHF  
according to D,K-OIRT, or optionally,  
CCIR standards

#### Picture tube:

- type
- size
- deflection angle

A 61 — 140 W  
61 cm (24")  
110°

#### Programme preselection

3 or 5 switches

#### Sound output power

1.5 W max.

#### Power supply

220 V, 50 Hz, 95 VA

#### Dimensions

690 x 490 x 380 mm

#### Weight

25 kg

#### Manufacturer

UNITRA—WZT





## 20" TV SET CYGNUS



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### 20" TV SET CYGNUS

- single horizontal printed circuit board design, fully solid state
- integrated VHF/UHF tuner
- three- or five-position programme selector
- common VHF/UHF coaxial 75  $\Omega$  aerial input
- headphone and tape recorder output sockets

#### SPECIFICATIONS

Frequency bands

channels 1—12 VHF or 21—60 UHF  
according to D,K-OIRT, or  
optionally, CCIR standard

Picture tube:

— type

A 50 — 140 W

— size

51 cm (20")

— deflection angle

110°

Programme preselection

3 or 5 switches

Sound output power

1.5 W max.

Power supply

220 V, 50 Hz, 95 VA

Dimensions

630 x 420 x 350 mm

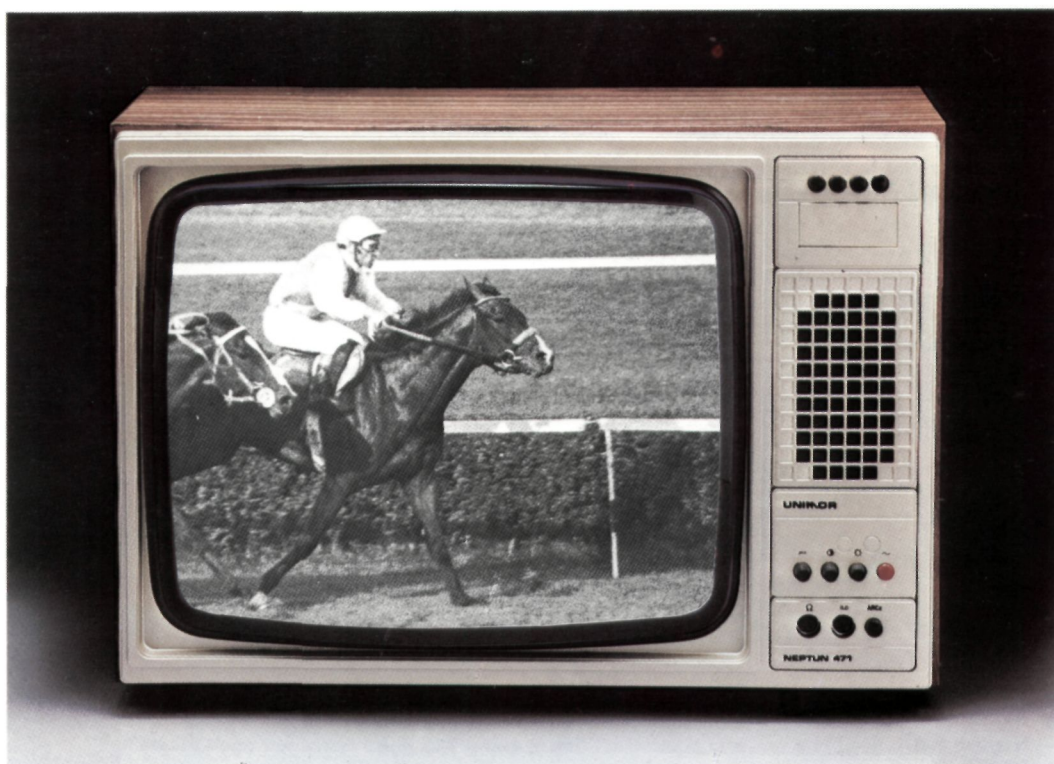
Weight

23 kg

Manufacturer

UNITRA—WZT

## 20"/24" TV SET NEPTUN 471/671



NEPTUN 471

NEPTUN 671





## 20"/24" TV SET NEPTUN 471/671

### 20"/24" TV SET NEPTUN 471/671

- single printed circuit board chassis
- low power consumption
- automatic frequency control (AFC)
- headphone and tape recorder output sockets
- four-position programme selector

#### SPECIFICATIONS

Frequency bands	channels 1—12 VHF and 21—60 UHF according to D,K-OIRT, or optionally, CCIR standards.
Picture tube:	implosion-proof
— type	
size:	
— Neptun 471	51 cm (20")
— Neptun 671	61 cm (24")
— deflection angle	110°
Aerials	coaxial socket 75 $\Omega$ , common for VHF and UHF aerials
Power supply	220 V, 50 Hz, 50 VA
Sound output power	2 W
Dimensions:	
— Neptun 471	600 x 434 x 310 mm
— Neptun 671	700 x 480 x 360 mm
Weight:	
— Neptun 471	21 kg
— Neptun 671	27 kg

**Manufacturer**

**UNITRA—UNIMOR**

## 26" COLOUR TV SET NEPTUN 705





## 26" COLOUR TV SET NEPTUN 705

### 26" COLOUR TV SET NEPTUN 705

- PAL and SECAM programme reception systems
- module design
- low power consumption
- *headphone and tape recorder output sockets*
- four-position drawer-type programme selector (programme may be changed by soft finger-tip touch)

#### SPECIFICATIONS

Frequency bands	channels 1—12 VHF and 21—60 UHF according to SECAM-OIRT/PAL standard. Optional SECAM-CCIR/PAL
Picture tube:	
— type	colour picture tube, 6710022
— size	66 cm (26")
— deflection angle	110°
Aerials	coaxial socket 75 $\Omega$ , common for VHF and UHF aerials
Power supply	220 V, 50 Hz, 90 VA
Sound output power	2.5 W
Dimensions	630 x 580 x 450 mm
Weight	42 kg

Manufacturer	UNITRA—UNIMOR
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## 22" COLOUR TV SET NEPTUN 546

- remote control
- seven-segment LED programme indicator

- low power consumption
- headphone and tape recorder output sockets

### SPECIFICATIONS

Frequency bands	channels 1—12 VHF and 21—60 UHF according to SECAM/OIRT standard. Optional SECAM/PAL or SECAM-CCIR/PAL
Picture tube:	
— type	colour picture tube, PIL A 56-701x (SEMITOROID)
— size	56 cm (22")
— deflection angle	110°
Aerials	coaxial socket 75 $\Omega$ , common for VHF and UHF aerials

Power supply:	
— TV set	220 V, 50 Hz, 90 VA at operation and 7 VA at stand-by
— remote control transmitter	battery 9 VDC, type 6F22; life of the 6F22 battery will be sufficient for 6-months' use of the remote control transmitter
Sound output power	2.5 W
Dimensions	683 x 430 x 475 mm
Weight	29 kg
Manufacturer	UNITRA—UNIMOR

## 22" COLOUR TV SET NEPTUN 546



## 22" COLOUR TV SET NEPTUN 505

### 22" COLOUR TV SET NEPTUN 505

- module design
- low power consumption
- easy service
- headphone and tape recorder output sockets
- four-position drawer-type programme selector (programme may be changed by light finger-tip touch)

#### SPECIFICATIONS

Frequency bands

channels 1—12 VHF and 21—60 UHF  
according to SECAM/OIRT standard.  
Optional SECAM-CCIR/PAL

Picture tube:

— type

colour picture tube,  
PIL A 56-701x (SEMITOROID)

— size

56 cm (22")

— deflection angle

110°

Aerials

coaxial socket 75  $\Omega$ , common  
for VHF and UHF aerials

Power supply

220 V, 50 Hz, 90 VA

Sound output power

2.5 W

Dimensions

683 x 446 x 475 mm

Weight

28 kg

Manufacturer

UNITRA—UNIMOR





## 22" COLOUR TV SET VENUS TC 501

- single printed circuit board design, with picture IF circuit, decoder, picture and sound channel output stages arranged as separate modules
- integrated VHF/UHF tuner
- five-position programme selector
- common VHF/UHF coaxial 75  $\Omega$  aerial input
- tape recorder output socket

### SPECIFICATIONS

Frequency bands

channels 1—12 VHF and 21—60 UHF  
according to SECAM/OIRT standard.  
Optional PAL

Picture tube:

— type

PIL A 56—701x (SEMITOROID)

— size

56 cm (22")

— deflection angle

110°

Programme preselection

5 switches

Sound output power

2.5 W max.

Power supply

220 V, 50 Hz, 85 VA

Dimensions

704 x 475 x 415 mm

Weight

26 kg

Manufacturer

UNITRA—WZT

## 22" COLOUR TV SET VENUS TC 501



## 22" COLOUR TV SET HELIOS TC 500

### 22" COLOUR TV SET HELIOS TC 500

- module design
- integrated VHF/UHF tuner
- four-position programme selector
- common VHF/UHF coaxial 75  $\Omega$  aerial input

- headphone and tape recorder output sockets
- SECAM programme reception system
- PAL programme reception system optional

#### SPECIFICATIONS

Frequency bands

channels 1—12 VHF and 21—60 UHF  
according to SECAM/OIRT or CCIR  
standards. Optional PAL

Picture tube:

— type

PIL A 56-701x (SEMITOROID)

— size

56 cm (22")

— deflection angle

110°

Programme preselection

4 switches

Sound output power

2.5 W max.

Power supply

220 V, 50 Hz, 100 VA

Dimensions

704 x 475 x 415 mm

Weight

28 kg

Manufacturer

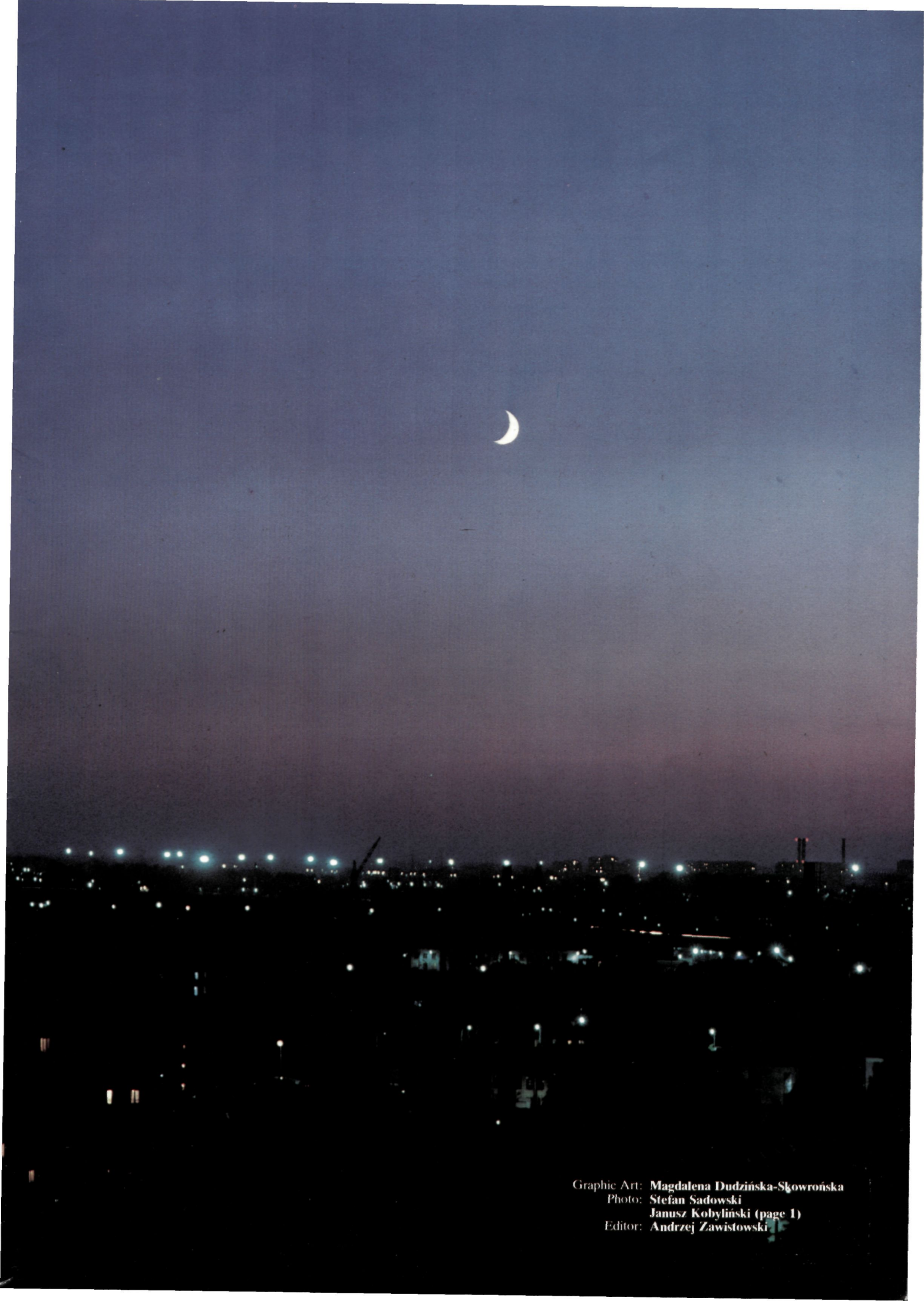
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TV set	VELA 203	VELA 205	VELA 206	NEPTUN 150	NEPTUN 171	NEPTUN 471	NEPTUN 671	CYGNUS	URAN	NEPTUN 505	NEPTUN 546	NEPTUN 705	HELIOS TC-500	VENUS TC-501
Standards	OIRT CCIR	OIRT CCIR	OIRT CCIR	OIRT CCIR	OIRT CCIR	OIRT CCIR	OIRT CCIR	OIRT CCIR	OIRT CCIR	OIRT CCIR	OIRT CCIR	OIRT CCIR	OIRT CCIR	OIRT CCIR
System	—	—	—	—	—	—	—	—	—	SECAM PAL	SECAM PAL	SECAM PAL	SECAM PAL	SECAM PAL
Picture tube	31 cm (12") 110°	31 cm (12") 110°	31 cm (12") 110°	31 cm (12") 110°	31 cm (12") 110°	51 cm (20") 110°	61 cm (24") 110°	51 cm (20") 110°	61 cm (24") 110°	56 cm (22") 110°	56 cm (22") 110°	66 cm (26") 110°	56 cm (22") 110°	56 cm (22") 110°
Power consumption (W)	45/20	45/20	45/20	25/17	40/20	50	50	95	95	90	90	90	100	85
Sound output power (W)	1	1	1	1	1	2	2	1.5	1.5	2.5	2.5	2.5	2.5	2.5
Power supply	220 V 50 Hz 12 V	220 V 50 Hz 12 V	220 V 50 Hz 12 V	220V 50 Hz 12 V	220 V 50 Hz 12 V	220 V 50 Hz	220 V 50 Hz	220 V 50 Hz	220 V 50 Hz	220 V 50 Hz	220 V 50 Hz	220 V 50 Hz	220 V 50 Hz	220 V 50 Hz
Dimensions (mm)	315x 270x 260	330x 275x 280	325x 325x 255	310x 260x 240	298x 320x 270	600x 434x 310	700x 480x 360	630x 420x 350	690x 490x 380	683x 446x 475	683x 430x 475	630x 580x 450	704x 475x 415	704x 475x 415
Weight (kg)	7	7	8.5	8	7	21	27	23	25	28	29	42	28	26
Manufacturer	UNITRA- WZT	UNITRA- WZT	UNITRA- WZT	UNITRA- UNIMOR	UNITRA- UNIMOR	UNITRA- UNIMOR	UNITRA- UNIMOR	UNITRA- WZT	UNITRA- WZT	UNITRA- UNIMOR	UNITRA- UNIMOR	UNITRA- UNIMOR	UNITRA- WZT	UNITRA- WZT







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