


Click on the pictures  for complete information!

Old, worn out and tired

Replace your reliable Fluke multimeter or ScopeMeter with a new Fluke in the 170/180/190-series and you will get an accessory free of charge. Log on to www.elfa.se and see special offers for more information.

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A hot offer – a thermometer thrown into the bargain

Fluke 179/61 "Combo Kit". A very economical combination pack adapted for use by industrial electricians. Valid through 30-06-2004.

FLUKE



Price per kit
299 €

Fluke 179/61 "Combo Kit"
Stock no.: 76-002-32 Price each: 299.00

Fluke 179, TRMS DMM, TL224 SureGrip™
silicone test leads and 80BK temperature probe
type K. Reg. price: 274.00

Fluke 61, IR thermometer. Reg. price: 134.00
C800, hard instrument/accessory case.
Reg. price: 45.70

Meterman XP

Multimeter for school, home or for the car/boat

Economical digital hand multimeters with high performance. Suitable for schools and hobby use. All models meet safety class according to IEC 1010-1 cat I 1000 V/cat II 600 V/cat III 300 V and are supplied with fused inputs and alarm for wrong connection. The instruments are supplied with battery, test leads and protective holster with magnetic holder (Meterman 35XP also with temperature probe).



Stock no.: 76-046-14 Price each: 42.00



Stock no.: 76-046-30 Price each: 63.50



Stock no.: 76-046-48 Price each: 85.00

Brother for all your marking needs



TZ-FX-tape cartridges see stock no. 80-151-66 on www.elfa.se. TZ-S-tape cartridges see stock no. 80-150-77 on www.elfa.se.

Manufactured by Brother

Economical



P-touch 1250VPS
Stock no.: 80-147-23 Price each: 520.00

The clerk



P-touch 2450DX
Stock no.: 80-147-31 Price each: 175.00

Tough and durable



P-touch 2480
Stock no.: 80-147-37 Price each: 184.00

IR-thermometer in pocket size

Measures temperatures between -22 and $+110$ °C completely touch-free. Designed with LCD-display, Min-/Max- and Lock-functions. Dimensions: $37 \times 68 \times 18$ mm. Weight 25 g.



TI806 Stock no.: 76-669-02 Price each: 28.90

When capacity matters

Instrument for monitoring of battery systems in all kinds of applications. Displays: battery voltage (V), current into/out from the battery (A) and number of used ampere-hours (Ah) since the last full charging. The instrument is well enclosed and has a sealed, waterproof membrane keypad that controls all functions and from where all programming is carried out. 4-digit LCD with graphic display.

Dimensions: 65×65 mm
Panel hole: Ø52 mm
Installation depth: 80 mm



Stock no.: 76-522-14 Price each: 258.00

Easy navigation

Map programme with navigation system for Pocket PC, Palm OS hand computers or portable computers with Windows. With a connected GPS receiver you get a complete navigation system.

- Voice-guided navigation
- Maps of 16 European countries
- Voice information in 8 different languages
- 23 different search categories
- Street name and house number search



MapSonic Europa
Stock no.: 78-418-02 Price each: 215.00

GPS Bluetooth

GPS receiver for navigation with the aid of hand computers (Pocket PC, PDA) or a Laptop with wireless Bluetooth technology. Integral active aerial. Dimensions: $47 \times 85 \times 2$ mm. Weight: 98 g.



Stock no.: 78-431-39 Price each: 193.00

USB-Bluetooth DBT-120
Stock no.: 25-283-39 Price each: 34.40

Cost saving soldering tip adaptor

It is now possible to use the same soldering tip type for most of the Weller soldering tools. The adaptor set simplifies changing to the soldering tips of the LT series range that now has been expanded, among others with tips for lead-free soldering. The set comprises a threaded tip socket and adaptor part. For further information concerning LT soldering tips, see stock number 82-254-84 on www.elfa.se.

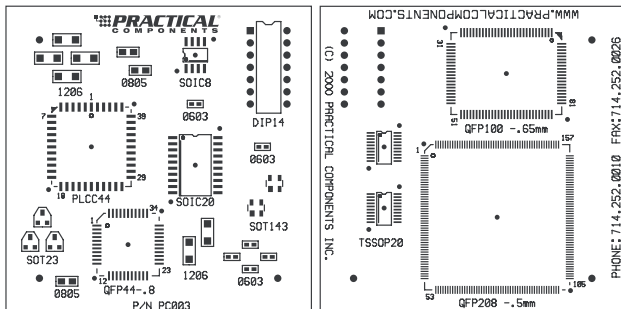
Adaptor set for	Stock no.	Price each
Magnastat TCP (370°)	82-385-04	14.40
Magnastat TCP (425°) *	82-385-05	14.40

* Suitable for the tips for lead-free soldering of the LT series.



Learn to solder without lead

Soldering practice set with two-sided experiment board with package type printed on both sides. Board size 63.5×63.5 mm. Solder pads for 13 pieces of different components of which 1 is hole mounted (Dip14) and the rest surface mounted. 100 % tin on all solder connections. Lead-free solder see stock number 82-916-36 on www.elfa.se. Useful links concerning lead-free soldering: www.kester.com and www.leadfree.org.



PC003 Lead-free soldering practice set
Stock no.: 82-721-07 Price/set: 45.30

Compact connector

3-pole male socket with earth connector, IEC/EN 60320-1/C6, (commonly known as Mickey Mouse connector) for screw fastening in panel. 2.5 A 250 Vac. Used for example as mains socket in laptop computers. Approvals: Semko, SEV, VDE, UL and CSA. Suitable mains lead, see stock number 43-313-10.



Manufactured by Schurter

Design	Stock no.	Price each
Soldering tag	43-208-18	1.69
Pin for PCB mounting	43-208-34	1.69

Attractive exterior

Die-cast aluminium segment in nine sizes with black and light grey powder coated surface respectively. Recessed area on top section/ bottom section for membrane keyboard. Lengthwise tracks inside for PCBs. Two separate sides/panels in ABS plastic are enclosed. Side/ panel in aluminium can be ordered separately.

Example:

Type	Width	Height	Depth	Stock no.	Price each
Tekal 11.29	60	31	70	50-415-04	6.89



Manufactured by Teko

LEDs are here to stay!

LEDs can replace filament lamps in many situations. Long life and low heat generation are some of the benefits at the same time as the light yield is increasing continuously. Find the complete range, technical data and prices on www.elfa.se.



Cluster lamps with white light

socket Ba15s, 14 or 28 Vdc.
23000 mcd.
Example: 14 Vdc, white light
Stock no.: 33-600-05 Price each: 20.00



LED-spot for recessing

Decoration lighting, 12 or 24 Vdc. 23 lux, 1 m.
Example: LED-spot 12 Vdc
Stock no.: 33-611-02
Price each: 51.70



LED strip IP65

Sealed LED strip. Withstands moisture and water.
12 or 24 Vdc. White or red colour.
Example: LED strip 12 Vdc, white
Stock no.: 33-611-28 Price each: 71.10



Indicator lamps with LED

Standard socket E10 and Ba9s
Example: Red LED lamp E10 12 Vdc
Stock no.: 33-602-03 Price each: 6.24

Build it yourself

New DIY-kits from Velleman

The range, that already is suitable for the beginner as well as for the more experienced builder, is now extended by a USB-card and a PIC programmer for experiments, remote control via GSM, light effects and much more. The complete range including the news is easily and quickly available on www.elfa.se.



Programmable text sign

Small 16-character, 1-line text sign with RS232 interface, integral text editing and EEPROM memory for storing of messages.
Supply voltage 9 Vdc.

MK158 Stock no.: 85-003-40 Price each: 28.30



Remote control power switch for the GSM network

Makes it possible to control on/off switching of different electric equipment like lighting, heating, etc. by a mobile telephone. Possible to time-control off-switching with 8 optional times. Integral relay, 3 A for control of external power relay or contactor. Drive voltage 12 Vdc.

MK160 Stock no.: 85-003-57 Price each: 9.95

An excellent tool for experiments and education

Pre-built module from Velleman

Simplify learning about how to programme PIC circuits. With programming examples clearly illustrated with LED indicators and push buttons. Connected to a free serial port on your computer (RS232). Supplied with PIC circuit 16F627 and software.



VM111
Stock no.: 85-004-15 Price each: 45.20

Star

Stock no.: 75-113-48 Price each: 12.00



Warm white LED

The Luxeon Emitter, Star and Star/O-series have been complemented by warm white LEDs. These have 20 lm flux of light and a colour temperature of 3300 K, which enables them to compete with ordinary incandescent light. More information is available on www.elfa.se, search word Luxeon.

Star/O

Stock no.: 75-114-54 Price each: 16.50



High-intensive white standard LEDs

We can present a couple of interesting news from the manufacturer Ledtronics. The news includes extremely high-intensive 3 and 5 mm respectively white LEDs in standard packages. More information is available on www.elfa.se.

Size/colour	Colour temperature	Lum. intens.	Stock no.	Price each
3 mm white	6000 K	3500 mcd	75-058-60	3.61
3 mm warm white	3000 K	3000 mcd	75-058-86	4.21
5 mm white	8000 K	7400 mcd	75-058-37	3.28
5 mm warm white	3000 K	4700 mcd	75-058-52	3.61



Emitter

Stock no.: 75-111-40 Price each: 11.60



Even more light-intensive LEDs.

We are now in the process of expanding our range of light-intensive LEDs from Lumileds. The Luxeon Emitter and Luxeon Star-series are expanded by 3 W and 5 W-versions respectively. These diodes have a flux of light of up to 120 lm. More information is available on www.elfa.se, search word Luxeon.

16-bit for battery power

MSP430 is a modern Flash-based microcontroller family from Texas Instrument. 16-bit RISC architecture, high-quality AD conversion and only 27 instructions together with low power consumption offers a perfect solution for e.g. battery-powered portable measuring equipment. More information is available on www.elfa.se, search word MSP430.



Use the Internet for surveillance purposes

Network camera for surveillance in industry, health care, etc.

- Possible to connect up to 3 external TV cameras
- Integral web server
- Possible to connect local monitor
- Software for internal/external recording and surveillance

TCD-23W2 Stock no.: 30-619-26 Price each: 388.00



Charges your batteries

NiMH charger for 3 to 20 cells in 5 different models. Meets the EN60601 norm for medical equipment. For information on all models, technical data and prices see www.elfa.se.



Example: 2215, 5-10 cells Stock no.: 69-465-29 Price each: 51.30

Universal charger for laptop

Easily adapted to a number of different computers thanks to a unique jumper system and replaceable secondary connectors. For a complete list of all computer models see www.elfa.se.



Energy Knight III
Stock no.: 69-881-74 Price each: 61.30

"Zipper" for A/V equipment

Plug-in surge protection intended to protect the aerial input against disruptive surge voltages. Two designs, for TV, video recorder, hifi receivers/tuners alternatively for satellite receivers etc. Adaptor between male and female connector is enclosed with both variants.



Manufactured by Phoenix Contact

Type	Stock no.	Price each
TV/hifi PAL-connector	69-754-11	26.00
TV/satellite F-connector	69-754-29	26.00



Connect quickly

Screwless relay socket from Omron. Dual connections for jumper and distribution.

P2RF-05S
Stock no.: 36-199-47 Price each: 3.76

OMRON – completely logical

Expansion logic units for flexible control of smaller machines and real estate automation. Ladder programming (relay form) by buttons on the front or by PC software. For complete range and further information see stock no. 25-700-00 on www.elfa.se.



OMRON



127 €

Campaign price

on ZEN starter packs comprising ZEN-10 I/O, pc software, connection cable assembly and documentation during the period May-June 2004.

ZEN starter packs AC
Stock no.: 25-702-08 Ord. price: 181.00

ZEN starter pack DC
Stock no.: 25-702-16 Ord. price: 181.00