



This picture differs slightly from the actual product

PRELIMINARY, SUBJECT TO CHANGE
PS020430-UP1S-E

Software

The UP-1 is supplied with powerful 32-bit Windows software. The menu driven software combines easy usage, speed and full functionality. The UP-1 software is Windows 9x / ME / 2000 / XP compatible.

Software updates will be provided via the ART Programming Systems WebSite: <http://www.artbv.nl>. The WebSite also provides FAQ lists, links, tools, full UP-1 device list and information about our products.

File Formats

Automatic file format detection and conversion from many formats, e.g.:

- Binary
- Motorola HEX
- Intel HEX
- Tektronix HEX
- JEDEC

Supported Devices

Memory devices:

- EPROM: 24 to 48-pin 8/16 bits
- OTP ROM: 24 to 48-pin 8/16 bits
- EEPROM: 24 to 48-pin 8/16 bits
- Flash EPROM: 28 to 48-pin 8/16 bits
- Non-volatile RAM series
- Serial EEPROM: 93Cxx, 24Cxx families
- GAL, PAL, PLD, PEEL

Micro controllers:

- 8x51 family
- Microchip PIC 16Cxx, 17Cxx, 12Cxxx families
- Motorola: 68HCxx
- And more

Logic and memory testing:

- TTL/CMOS: 54/74 and 40/45 families
- DRIVERS: 75 and 200x families
- RAM: Static and Dynamic RAM family (functional test)

Optional socket adapters

A wide range of socket adapters is available to support almost all available footprints, e.g.:

- SOP, TSOP, PLCC, SSOP, VSOP, SDIP, QFP, uBGA

UP-1 Universal Programmer

Introduction

Combining universal device programming, verification and testing, the ART UP-1 universal programmer supports a wide variety of devices by its 48-pin ZIF socket.

The UP-1 is equipped with the most advanced technology. It uses the USB interface for PC communication and supports low voltage devices down to 2.5V. The UP-1 is able to program a 16Mb Flash device in just 30 seconds.

The ART UP-1 is a compact and light product and it supports over 70 manufacturers. Therefore the UP-1 is very suitable for the professional development and servicing or the hobby environment

Standard Accessories

- ART UP-1 Universal Programmer
- USB cable
- CD Rom (PC software and user manual)
- Installation Manual
- Power adapter

Device Operation

- Read, Program, Verify, Blank check, Erase, Secure, Memory edit
- EPROM auto ID, device insertion check
- File loading and saving with automatic format detection
- Odd/Even address split for memory devices
- Very user friendly user-interface
- Project functionality to save device type, file and used procedures

Features

- Supports over 70 manufacturers of semiconductors
- USB 1.1 communication interface
- Portable unit: compact and light
- CE compliant

Specifications

Dimensions: 160 × 110 × 45 mm
 Weight: 0.5 kg
 Temperature: +5°C to +45°C
 Power adapter: 90V - 260V
 47Hz - 63Hz
 12V 24W (max)

Humidity: till 90% non cond.

Minimal system specification:
 Pentium 2, 32MB RAM, 30MB free disk space

