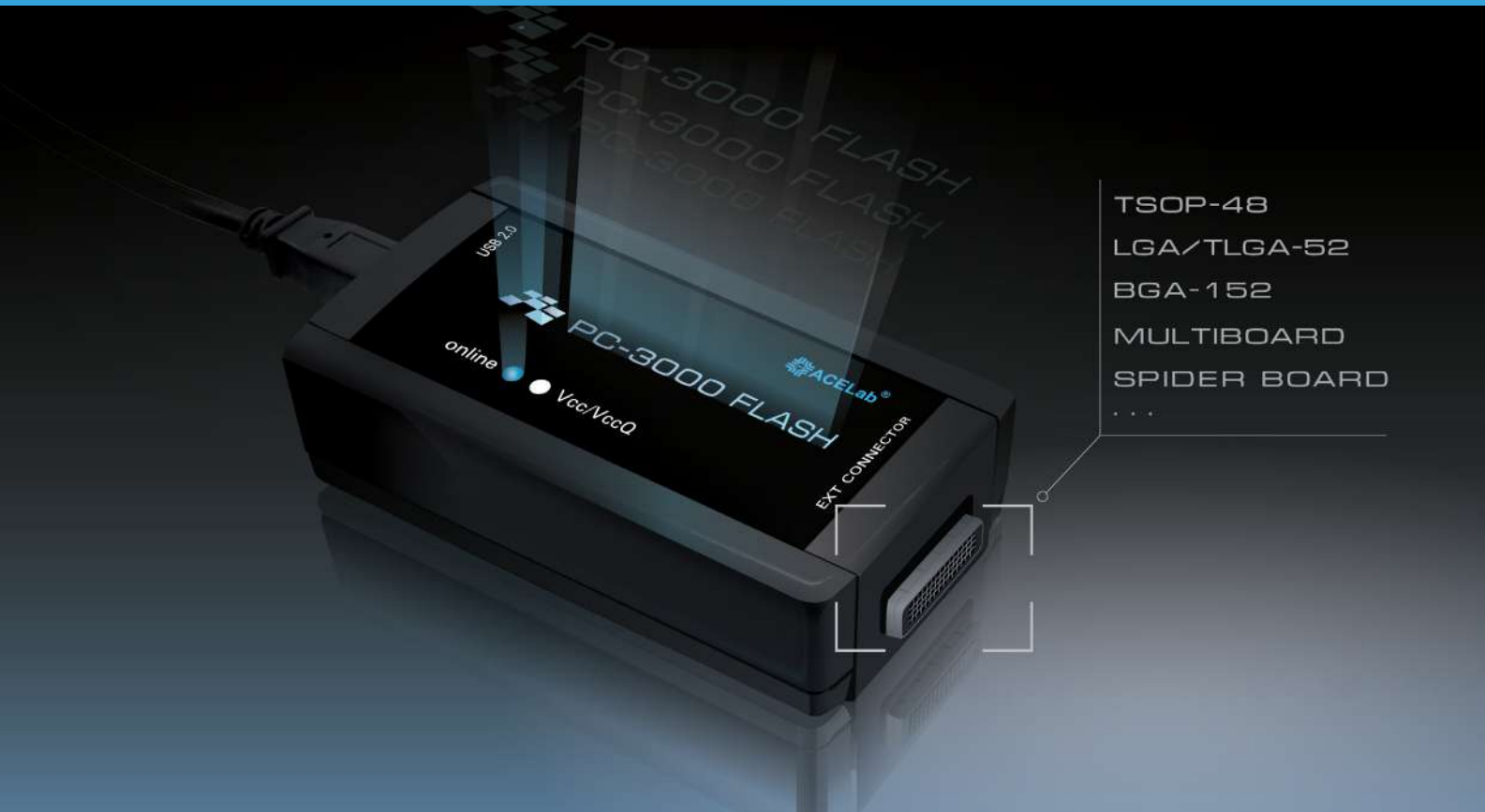




PC-3000 Flash



Best time-trusted tool for classic NAND-based storage devices

Using advanced chip-off methods, the PC-3000 Flash perfectly fits for successful data recovery and forensics investigations even with damaged NAND-based devices.

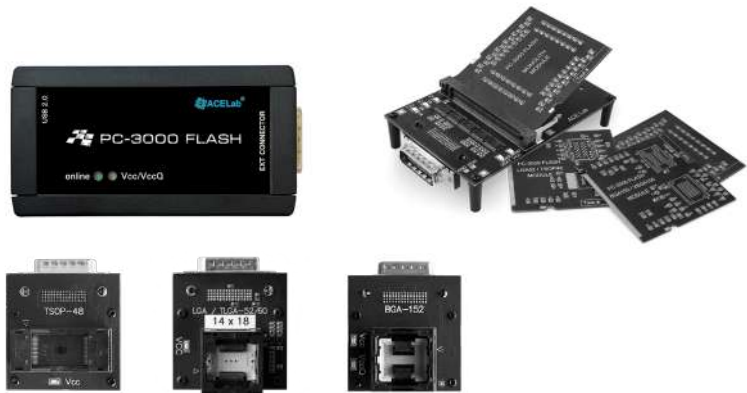
A combination of reliable hardware and fast and efficient software along with a regularly updated resource database makes the PC-3000 Flash highly-demanded among data recovery engineers and digital forensics experts and helps to solve NAND data recovery cases of various complexity.

Supported storage devices: USB, mSD/SD, Memory Stick (MS), xD, MMC, CF, Voice Recorder including Monolithic Drives.

Key Features:

- ▶ Over 8 300 «one-click» solutions in the PC-3000 Flash Solution center to recover data in 5 minutes
- ▶ The most effective methods to fix the bit errors in NAND flash memory chips, including the various types of hardware ReadRetries
- ▶ Weekly updated Online Databases (XOR, Dynamic XOR, ECC, Page Format, ReadRetry Tables) to get the latest resources for the present-day flash drives
- ▶ Personal help to extract unsupported XOR, ECC and unknown chip ID
- ▶ The most universal and affordable technologies and an extensive Monolith Database to recover data from a great variety of monoliths
- ▶ The biggest team of highly qualified Technical Support engineers ready to help with any Flash recovery case
- ▶ A huge number of articles at blog.acelab.eu.com and a separate section at forum.acelab.eu.com to find the solutions to your specific cases

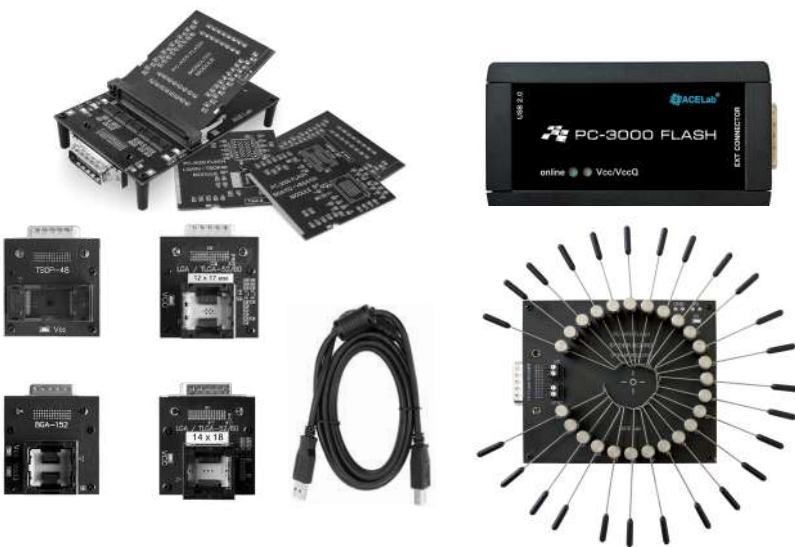
PC-3000 Flash Basic Package





1.	PC-3000 Flash Reader	1 pc.	7.	LGA-52/TSOP-48 Module	1 pc.
2.	TSOP-48 adapter	1 pc.	8.	BGA-152/VBGA-100 Module	1 pc.
3.	LGA/TLGA-52/60 (14x18) adapter	1 pc.	9.	USB 2.0 Cable	1 pc.
4.	BGA-152/132 adapter	1 pc.	10.	PC-3000 Flash software, resource database*	1 pc.
5.	Multiboard Adapter	1 pc.	11.	User manual	1 pc.
6.	Monolith Module	2 pc.			

PC-3000 Flash All-in-One Package





1.	PC-3000 Flash Reader	1 pc.	8.	LGA-52/TSOP-48 Module	1 pc.
2.	Spider Board adapter (temporarily unavailable)	1 pc.	9.	BGA-152/VBGA-100 Module	1 pc.
3.	TSOP-48 adapter	1 pc.	10.	BGA-152/132 adapter	1 pc.
4.	LGA/TLGA-52/60 (14x18) adapter	1 pc.	11.	USB 2.0 Cable	1 pc.
5.	LGA/TLGA-52/60 (12x17) adapter	1 pc.	12.	PC-3000 Flash software, resource database*	1 pc.
6.	Multiboard Adapter	1 pc.	13.	User manual	1 pc.
7.	Monolith Module	2 pcs.			

* Available in the Technical Support Portal.



PC-3000 Flash Solution Center

An online resource containing over 8 300 scripts for “one-click” data recovery.

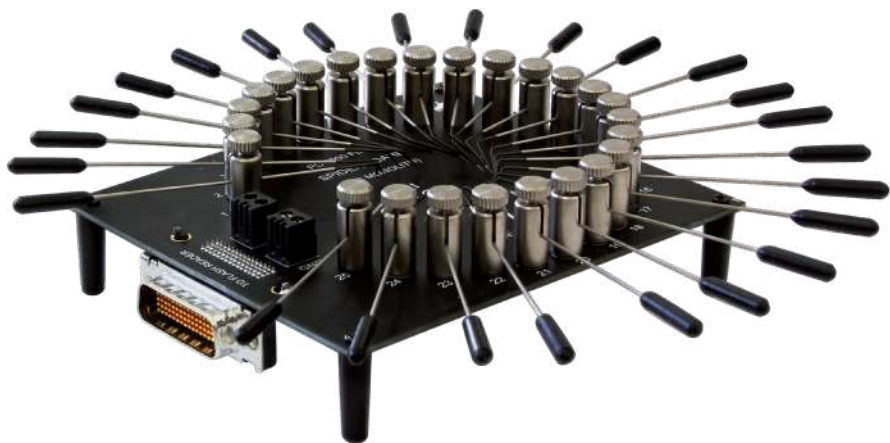
Use the experience of already solved cases to get a quick success at your current data recovery task.
Ideal for beginners who are just starting Flash Data recovery.

In case none of the scripts helps to solve the problem, ACE Lab Technical Support will always assist you and lead to a successful solution.



Spider Board Adapter

(temporarily unavailable)



Change-maker in monolith recovery.
Minimal Soldering & minimal risk.

The Spider Board Adapter is a universal all-in-one solution for safe data recovery from monoliths.

It is designed for connection to internal contacts of NAND-based Flash drives manufactured as single-package chips (monoliths). The adapter consists of 25 universal contacts that support software configuration of their connection with NAND interface signals in a corresponding task.

Using it, you will forget about tedious soldering and searching for specific adapters to each monolith you deal with!

Key Features to Recover Data from Monoliths

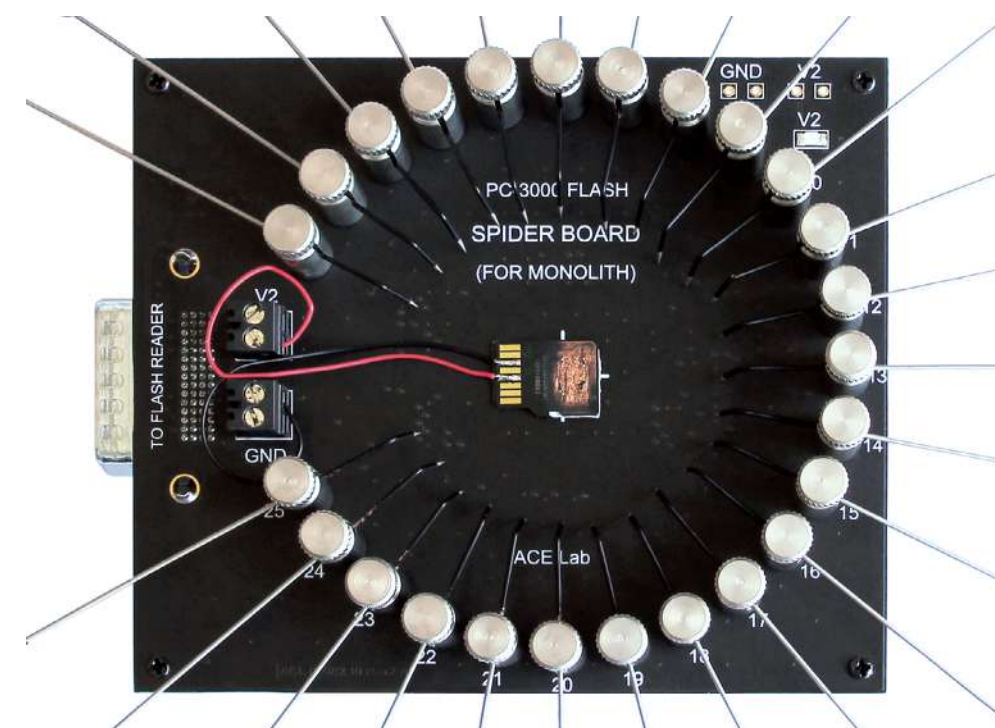
- ▶ Universal solution that doesn't require soldering to the technological pinouts. It saves time, reduces the risks and makes monolith recovery process much easier
- ▶ 25 specialized needles that help you connect to pinouts, no matter how they are located
- ▶ GND and VCC pins are fixed by screw connectors for convenient usage
- ▶ The adapter is developed specifically for using with microscope

With the Spider Board Adapter it is possible to



- ▶ Fine-tune the connectors on the software level
- ▶ Save the previous pinout settings in a file to use on similar cases
- ▶ Constant 5V or controlled by VCC (1.8 V-3.6 V) power supplies
- ▶ Control the adapter power supply via software
- ▶ Recover data from partially damaged SD and MicroSD cards as with a fully functional Card Adapter

Supported NAND-based devices: **MicroSD, SecureDigital, UFD, MemoryStick.**



Minimal soldering is required to power up the monolith.

Pinout connection is performed via 25 needles.