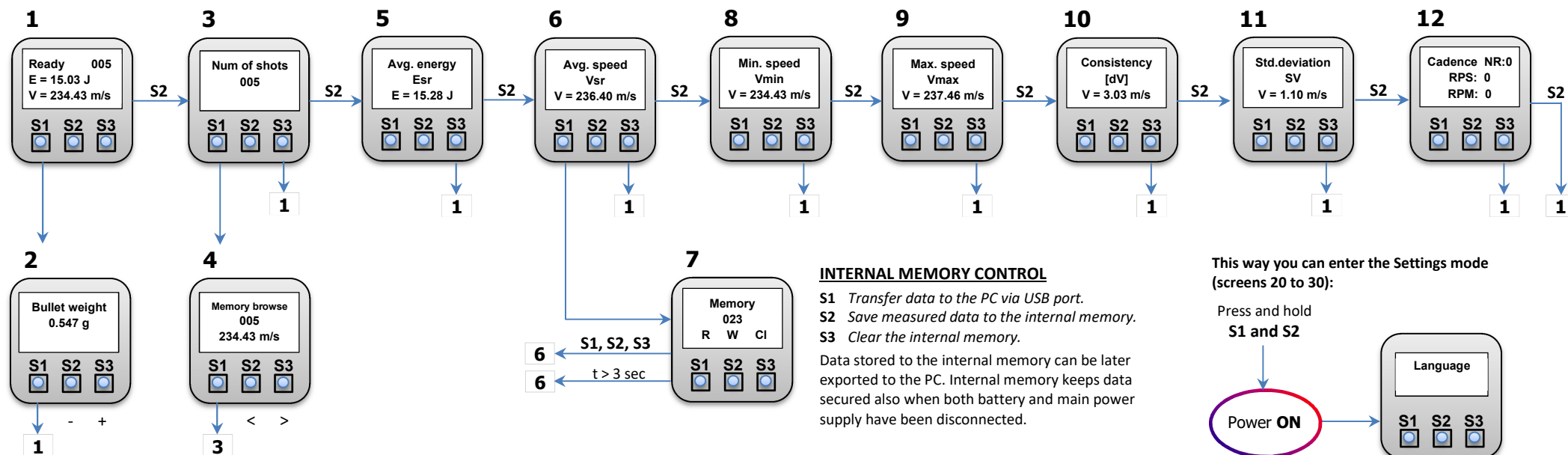
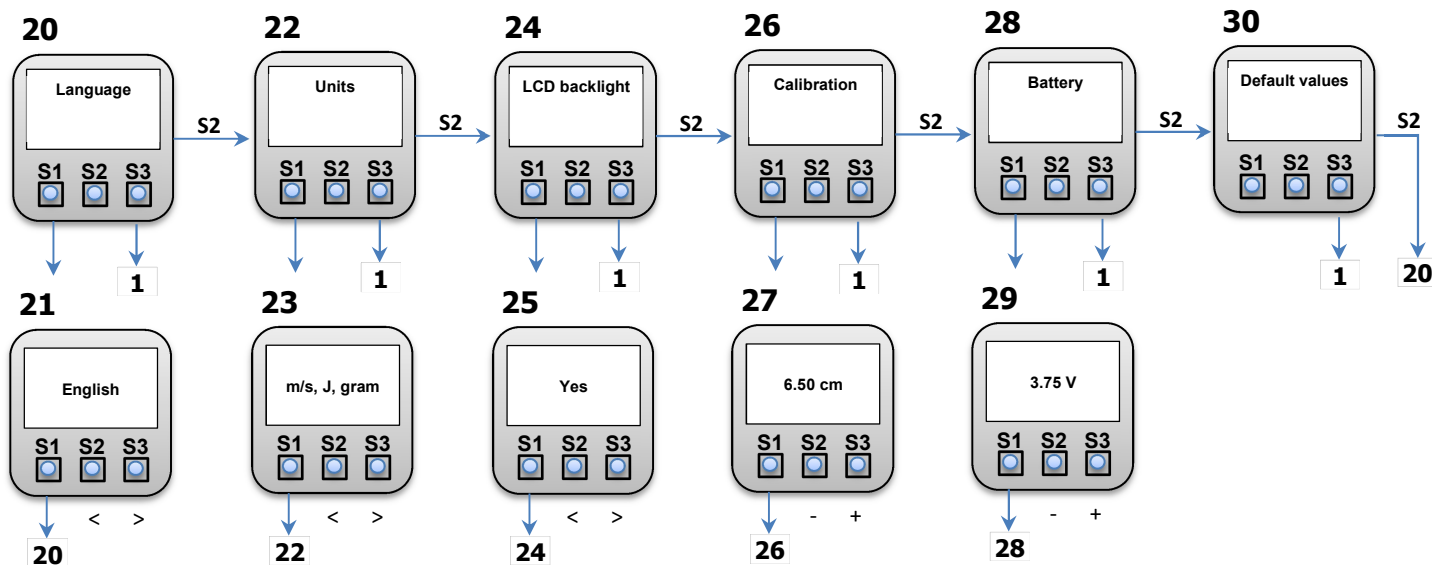


FUNCTIONS DIAGRAM



Set the bullet weight.

List within operational memory of individual shots.



CONTENT OF PACKAGE

1x Air Chrony Barrel Mk1, 1x Functions Diagram, 2x Mounting Rubber Band

QUICK START

!!! PAY MAXIMAL ATTENTION WHEN SHOOTING !!!

Insert three alkaline batteries (size AAA) to the battery compartment or plug in the external power supply (sales separately). Attach barrel slid of your *Air Chrony* to the barrel. The muzzle must be fixed in position in front of the first gate with the barrel axis collinear to the slid. Turn on the power using the main switch and wait until the device is ready. Take a shot. *Air Chrony* will record the data and display both recorded bullet speed and energy [screen 1]. This information remains displayed until the next shot is taken.

OPERATING INSTRUCTIONS

When powered up, *Air Chrony* shows Screen 1 on its display and is ready to take measurements. Operational memory is empty and shots counter is set to 0.

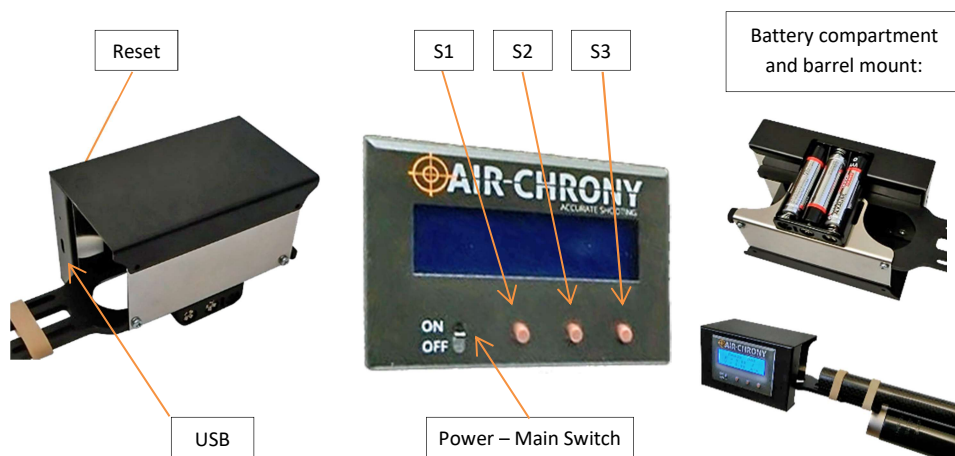
Air Chrony calculates bullet energy from the recorded speed and given bullet weight. Proper bullet weight can be set using function on [screen 2]. After taking some shots, different statistical information can be displayed. Please do refer FUNCTIONS DIAGRAM on the opposite side of this paper to find how to select desirable function.

When you turn power off, data from operational memory disappears. If you wish to use measured data later, for instance to evaluate it at home or to export it to the PC, you have to save data to the internal memory – see functions on [screen 7]. Data from the internal memory can be downloaded to the PC via USB port. We recommend genuine *Air Chrony software* for downloading data from this chronograph to the PC.

SETTINGS

To enter the Settings mode press and hold both S1 and S2 buttons then switch power on. The first screen lets you choose the language. Depending on the current setting, the “language” setting may be shown on display as: Jazyk, Språk, etc. Please do refer FUNCTIONS DIAGRAM on the opposite side of this paper to find how to choose the appropriate setting. By pressing S3 you can return to Measurement mode.

Note please that firmware can be upgraded to the latest version by user. To upgrade the firmware you need to connect your *Air Chrony* via USB port to the PC. To obtain latest firmware and to get instructions how to upgrade it please visit manufacturers home page: www.air-chrony.com



Barrel mounted chronograph for air guns, airsoft, paintball...

This device has been designed to measure speed and kinetic energy of the bullets fired from **airguns** only.

Do not use the Air Chrony with any other kind of firearms!

PARAMETERS

Speed measurement range: 2 – 2 000 m/s
Measurement error: < 0.14 m/s
Bullet weight range: 0.01 – 65 g
Dimensions: 60 x 62 x 180 mm, weight 240 g
Power supply: 5V DC / 3x AAA alkaline battery
Operating time from battery: approx. 7 hours
Current consumption with backlight: cca 100 mA

ADDITIONAL INFORMATION

Internal power independent memory.
Measurements export to the PC via USB port.

Air Chrony takes measurements under different lighting conditions, even in the darkness, thanks to the built-in Infra-Red Diodes. Make sure that measurement accuracy is not affected by interference from any external source of strong light, like direct sunshine, IR or UV lamps, for instance.

MEASUREMENT FUNCTIONS

Bullet speed and kinetic energy [screen 1]
Shots counter [screen 3]
Average kinetic energy [screen 5]
Average speed [screen 6]
Minimal speed [screen 8]
Maximal speed [screen 9]
Speed consistency (Vmax-Vmin) [screen 10]
Standard deviation of speed [screen 11]
Cadence [screen 12]
Listing within measurements [screen 4]
Internal memory control [screen 7]

SETTINGS

Different languages, measurement units, switchable LCD backlight, gates calibration, battery warning level.

Firmware upgradable by user via USB port.

Use only original Air Chrony accessories and spare parts!

Power supply and USB cable can be purchased separately.