



CSG31 FIE approved 3 weapon scoring apparatus,

As used in the last 2 Olympics and countless World Championships and A-Grade events shown with fully rechargeable remote control and vertical double sided extension lights.



CSG31ELDS

This is the first F.I.E. three weapon scoring machine to fully integrate fencing functions with scoring and stopwatch features in one box. The CSG31 opens a new era in fencing scoring machines by becoming a truly "intelligent" scoring apparatus able to monitor hits, update the score automatically and halt the stopwatch when a hit has been detected. The CSG31 is therefore an outstanding tournament machine.

Supplied in a high quality metal breifcase with internal padding, rechargeable remote, 30 metre cable, power supply and full instructions.

Fencing functions

- Officially approved F.I.E. three-weapon scoring machine.
- Can be reprogrammed to latest F.I.E. regulations.
- Antiblock yellow lights.
- Automatic regulation of reset time from 1 to 9 seconds.
- Instantaneous reset at 0 when a fencing master gives a lesson.
- Whip-over blockage in the sabre.
- Choice of four sabre programs.

Fully rechargeable remote control and vertical double sided extension lights.

Extension Lights The CSG31 is capable of running various extension lights. The ones seen above are double sided with 600 separate LEDs with the ability to do two colours to show on and off target.



CSG31 APPARTUS [2]

Fencing Functions continued...

Integrated stopwatch

- Presetting of count-down time from 0 to 99 minutes (count-down time is memorized even when machine is turned off).
- Blocking of signaling when stopwatch time has reached: 00 :00.
- The CSG31 can be set so that the stopwatch is halted automatically as soon as a hit has been recorded. This automatic stopwatch option can be turned on or off (for more information consult the section devoted to CSG31 options).
- As another option, possibility of introducing a one-minute delay between two rounds (for more information consult the section devoted to SG31 options).

Integrated scoring

- Scoring of up to 99 hits can be displayed on both sides.
- The CSG31 can be set so that the score is updated automatically every time a hit is recorded. This automatic scoring option can be turned on or off (for more information consult the section devoted to CSG31 options).
- When the automatic scoring mode is set along with the automatic stopwatch mode, a halted stopwatch prevents the machine from updating the score automatically. Automatic updating of the score can only be performed when the stopwatch is running. This allows fencers to try their weapon after a hit has been detected without disrupting the score (useful for the epee in particular).

Remote control

- Mixed transmissions : wire and infrared
- Driven by rechargeable accumulator
- Control of stopwatch and scoring functions.
- Optional control of fencing functions (choice of weapon, length of automatic signals, etc...).
- Setting of remote control channel (0 - 9) for simultaneous operation of 10 remote controls in the same room. The machine and remote control must be set on the same channel number to operate properly.

Communications

- Three RS422 and one RS232 connector.
- Setting of machine in slave mode for the repetition of scoring, stopwatch and lamps from the master machine.

Miscellaneous

- The machine can be inclined to 90°.
- External regulated power supply gives all the guarantees of security.
- Connection to power supply by a security plug which prevents faulty connection.
- Volume regulation.
- Connection to peripheral equipment through two 8-pin D.I.N. plugs.
- Diagnostics program for easy fault identification (useful for maintenance only).