Swiss Timing, active in the multisport scoreboard market throughout its long history, presents the new SATURN 2 series. Covering a wide range of team sports, the SATURN 2 uses up to 19'000 very bright LEDs to provide the same contrast ratio when installed beside a video display. The digit height of 30 cm guarantees a viewing distance of 125m. The new SATURN 2 scoreboard is the worthy successor to the SATURN, which has been successfully used in basketball and handball during the Athens and Beijing Olympic Games, the Men’s handball World Championships in Tunisia and in ice hockey at the Torino, Vancouver and Sochi Winter Olympic Games. The design of the sheet steel modular casing makes the SATURN 2 very strong but also easy to install due to its thickness of just 85mm. Maintenance of the Saturn 2 is made simple by the access to both the front and the rear of the display. The digits are housed behind a patented grille, assuring total protection from ball strikes in accordance with the following regulations: FIBA 10.1.10, DIN 57710/13 and DIN 8032/3. The size, colour and layout of the digits make the overall information attractive and easy to read.
**SHOT CLOCKS AND CONTROLLER**

The controller presents all important information on a large LCD display (240 x 128 pixels), allowing simple, user-friendly operation. Controller and scoreboard are linked through a RS485 cable.

The cable enters each peripheral device and connects straight through, allowing the whole hall to be wired with a single cable. Optional Bluetooth modules are available in order to reduce cable clutter even more. The controller comes pre-loaded with various software adapted to the following sports rules: basketball, volleyball, handball, hockey, netball, tennis, badminton, table tennis, indoor football.

### SPECIFICATIONS

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**Game time / break time**

- 

**Set in play (Tennis)**

- 

**Daytime**

- 

**Periods / Set**

- 

**Score / Set in play (Volley)**

- 

**Time out**

- 

**Service**

- 

**Advantage / Possession**

- 

**Pers. Faults with faulting players nr.**

- 

**Permanent display information**

- 

**Number of faults per team**

- 

**Number of faults for each player**

- 

**Results of played sets**

- 

**Individual score per player**

- 

**Player number (0-99)**

- 

**Penalty times information**

- 

**Visualized countdown, nr. of indiv. penalty times per team with nr.**

- 

**Number of misconduct penalty times per team**

- 

**Results of previous sets**

- 

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### SHOT CLOCKS

- **Common specifications SATURN 2 & Shot clocks**
  - Power Supply: 115/230 VAC
  - Operating temperature: 0 to 50°C
  - Storage temperature: -30 to +85°C
  - Certifications: ☑️ and ☑️ RoHS compliant

- **Power consumption (VA)**

- **Weight (kg)**

- **Thickness (mm)**

- **Height (mm)**

- **Protection: IP43**

- **Sound signal level: 113dB @ 1m**

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**SATURN 2 DIGITS HEIGHT**

- **Team names: 15cm**

- **Score & Game time / Fault Personal : 30 / 25cm**

- **Penalties: 20cm**

- **Indivual player info: 15cm**
**SATURN 2 TYPES**

3500.901

3500.912

3500.913

3500.922

3500.923

3500.932

3500.933

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**SHOT CLOCKS**

Game clock: 15cm

Shot time: 25cm

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**OPTIONS**

3500.951

Team names: 17x (15 cm characters) split in e.g. 9 + 8 characters.

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**OPTIONS**

3500.952

Player names: 2 panels with 12 lines of 10x (15cm characters)

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**ICE HOCKEY IN / OUTDOOR**

3500.961

3500.962
### SHOT CLOCKS

For basketball, the Shot clocks can be mounted in different ways including a floor standing option, or assembled in a three-sided display to be positioned over the basket. A four sided Shot clock is also available, as required by FIBA for high level competitions. An ultra-bright point acts as an indicator of whether the clock is running or has stopped.

**Notes:**
- Floor stand only provided as an option (see below)
- Shot clocks are equipped with an internal horn
- Shot clocks can be mounted on a basket structure
- Shot clocks sets include 100 m cable and an External Start/Stop/Reset pushbutton.

All products are certified (c) and RoHS compliant. 

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### OPTIONAL ACCESSORIES

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### HOMOLOGATIONS

SATURN displays are homologated and approved by some sports federations such as:

- International Handball Federation (IHF)
- International Basketball Federation (FIBA)
- International Ice Hockey Federation (IIHF)

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