

SWIMMING SYSTEM

SSS – M20 – B

EQUIPMENT

1. Race Starter (Model: STR-100) — 1 unit

Primary triggering device for start commands, ensuring standards-compliant, synchronized initiation. Fully compatible with the system controller and timing infrastructure.

2. Touchpads (Model: ST-2490-F) — Quantity: equal to lane count

One finish-detection pad per lane, installed at each lane end. **Scaling:** The quantity increases or decreases according to the total number of lanes and the near/far-lane configuration.

3. Deck Plate (Model: SKL-DP-V1) — Quantity: as required by pool layout

Fixed, embedded assembly installed in the pool deck to collect and consolidate field signals from **touchpads, starting blocks, and manual backup buttons** for each lane. Provides robust mechanical protection, organized terminations, and clean cable egress toward the wall junction box.

4. Wall Junction Box (Model: SKL-WJB) — 1 unit (or per timing line)

Wall-mounted junction/interface enclosure that receives multicore cabling from deck plates, **conditions/converts inputs into standards-compliant electrical signals** (e.g., isolation, level shifting, debouncing), and forwards them to the timing controller with **real-time precision** (low latency, deterministic signaling).

5. Thermal Printer (Model: SKL-EPS-T70) — 1 unit

Industrial-grade thermal printer for fast, quiet, low-cost printouts of race results and interim outputs.

6. Swimming Timer (Model: SKL-SWC-V2) — 1 unit

Central controller for pool timing and sensor event management; coordinates the starter, touchpads, and scoreboard modules.

7. Race Scoreboard (Model: SKL-SPL-X) — 1 unit

Central race results/information display. **Scaling:** The number of display lines is configured to match the total number of lanes.

8. Time Module (Model: SKL-STM-1L) — 1 unit

Single-line digital display that shows the **race time in real time**, synchronized with the timing controller. Suitable for poolside mounting for athlete/official visibility.

9. Event-Heat Module (Model: SKL-SEH-1L) — 1 unit

Single-line digital display that shows the **Event** and **Heat** identifiers, driven by the timing/meet management system for clear session context.

10. Starting Blocks — Qty: equal to lane count

- **Configs:** With or without False Start Detection (FSD).
- **Heights:** 40 cm with Riser (Open-Face) — recommended per World Aquatics; 70 cm Stepped option.
- **Integration:** Compatible with SKL-DP-V1 (deck plate) and SKL-WJB (wall junction); terminations via deck plate.

OPTIONAL EQUIPMENTS

- Record, lap-length and team points scorebord modules can add to the scoreboard.
- Scoreboard can be produced with display size of 16,20,23,25 cm or 30 cm or according to display color as special.

TIME 32:47.63

Time Module (SKL – STM – 1L)

284 EVENT HEAT 90

Event-Heat Module (SKL – SEH – 1L)

PLACE	LANE	TIME
1	3	:40.57
2	8	:40.93
3	7	:41.39
4	6	:41.82
5	4	:42.16
6	2	:43.08
7	1	:43.55
8	5	:43.91

Race Scoreboard (SKL – SPL – 8)



DECK PLATE (SKL – DP – V1)



WALL JUNCTION BOX (SKL – WJB)



Race Starter (STR – 100)



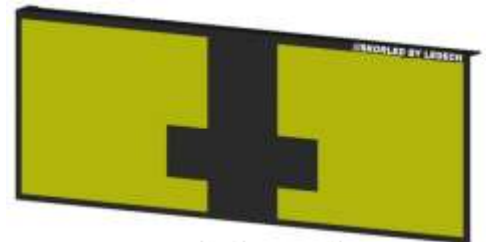
Swimming Timer (SKL – SWC – V2)



STARTING BLOCKS (SKL-SBN-40)



Thermal Printer (SKL-EPS-T70)



Touchpad (ST – 2490 – F)