

# XtradeSMC OrderFlow

**Smart Money Concepts × Order Flow — for Bookmap**

User Manual v1.0

Platform: Bookmap 7.6+ (Windows)

This manual ships with your XtradeSMC OrderFlow license. Educational content only — nothing here is investment advice. Trading involves substantial risk; past performance does not guarantee future results.

# 1. What this indicator is

XtradeSMC OrderFlow brings a full Smart Money Concepts (SMC) engine to Bookmap and validates every SMC signal with data only Bookmap has: aggressor-side trades, order-book pulling/stacking, and MBO iceberg executions.

Chart-platform SMC tools only see candle geometry. Here, every order block carries a delta-purity score, every liquidity sweep needs an order-flow confirmation before it becomes a signal, and every zone retest is scored live by what the book is actually doing — turning the "smart money" narrative into measurable evidence.

## Core components

| Component            | What it does                                                                                                                |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| SMC structure engine | Swing highs/lowes, BOS / CHoCH structure breaks, dealing range and the 50% equilibrium line                                 |
| Zone engine          | Order blocks, fair value gaps, iFVG (inverted FVG) and EQH/EQL liquidity pools, drawn as translucent boxes / dashed levels  |
| Order-flow fusion    | Zone scoring (delta purity), sweep-to-grab confirmation, vacuum/wall pre-judgment, live retest defense score, iceberg marks |
| P&S; sub-chart       | Five live lines: bid/ask pull-stack z-scores, absorption bias, iceberg bias, flow defense                                   |

# 2. Installation & licensing

## Install

- ① Open Bookmap → **Settings** → **Api plugins configuration**
- ② Click **Add..** and select **smc-orderflow-indicator.jar**
- ③ The JAR contains two addon variants — enable one:

| Variant                 | Behavior                                                                                                              | Use when                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------|
| SMC OrderFlow           | Loads instantly; builds structure from the moment you enable it                                                       | Daily use (recommended)          |
| SMC OrderFlow + history | Replays the full session history on load so past structure and zones appear; long sessions take a while to initialize | You need full historical context |

## Activate your license

- ① Open the addon settings and switch to the **License** panel
- ② Paste the license key from your purchase email and click **Activate / validate**
- ③ When the status line shows ✓ the chart starts working immediately

Licensing model: one key binds to one machine (seat count depends on your plan). Validation needs internet; after a successful check you get a **72-hour offline grace window**, and the addon silently re-validates every 6 hours.

## First-load notes

- The P&S; sub-chart needs ~30 seconds to warm up; z-score baselines mature after ~10 minutes
- Iceberg (IB) detection requires an MBO data feed such as Rithmic. Without MBO the iceberg line stays flat and everything else degrades gracefully

### 3. Chart element reference

#### Main chart (on the heatmap)

| Element        | Look (default)                         | Meaning                                                                                                         |
|----------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| BOS ▲/▼        | Green/red label                        | Break of structure: close beyond the prior swing — trend continuation confirmed                                 |
| CHoCH ▲/▼      | Green/red label                        | Change of character: close breaks against the trend — first reversal warning                                    |
| Swing dots     | Red (high) / green (low) dots          | Confirmed swing points (confirmation lags N bars — price is exact, timing offset is normal)                     |
| OB box         | Green/red translucent box, solid edges | Order block: last opposite candle before a displacement leg. Label shows the delta-purity score (capped at 93%) |
| FVG box        | Cyan/orange box, short-dash edges      | Fair value gap: 3-bar imbalance; removed once filled                                                            |
| iFVG box       | Purple box, dash-dot edges             | Inverted FVG: a mature FVG closed through flips its role (support ↔ resistance)                                 |
| EQH/EQL line   | Yellow long-dash line                  | Equal highs/lows = liquidity pool. "EQH ▲ ask 245" = resting book size within 2 ticks                           |
| 50% line       | Gray short-dash line                   | Dealing-range midpoint: upper half = premium (look for shorts), lower half = discount (look for longs)          |
| Range high/low | Faint red/green dotted lines           | Current dealing-range boundaries (latest confirmed swings)                                                      |

#### Event labels (order-flow confirmations)

| Label           | Trigger                                                                                                          | How to use it                                                        |
|-----------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Sweep ▲/▼       | Wick beyond a pool then close back inside, or a close-through reclaimed on the next bar                          | Stops were run; wait for the Grab confirmation before acting         |
| Grab ✓ ▲/▼      | Aggressor delta flips against the sweep within N bars                                                            | Confirmed stop-hunt — one of the classic reversal entries            |
| Vacuum ▲/▼      | Approaching a pool while the resting side is pulling liquidity                                                   | Vacuum ahead → clean break likely; do not fade the level             |
| Wall ▲/▼        | Approaching a pool while the resting side is stacking                                                            | Real defense present → rejection or sweep-and-reverse likely         |
| Defended ▲/▼ n% | During an OB/iFVG retest the average flow-defense score clears the threshold and price exits in the zone's favor | Live evidence the zone was defended — your retest entry confirmation |
| IB ▲/▼ n        | An iceberg order executes inside an active zone (n = hidden volume filled)                                       | Passive institutional interest that delta cannot see                 |

#### Sub-chart (five lines)

| Line                                 | Range        | Reading                                                                                          |
|--------------------------------------|--------------|--------------------------------------------------------------------------------------------------|
| P&S; bid $\Delta z$ / ask $\Delta z$ | $\pm 2$ axis | Pull/stack z-score per side: positive = stacking (defending), negative = pulling (stepping away) |
| Absorb bias                          | $\pm 1$      | Positive = aggressive selling is being absorbed (bid strength)                                   |
| Iceberg bias                         | $\pm 1$      | Positive = hidden buyers dominate (needs MBO)                                                    |
| Flow defense                         | $\pm 1$      | Weighted blend of the three — the score behind "Defended"                                        |

## 4. Playbooks (standard SMC, powered by flow)

### Playbook 1 — Trend continuation on an OB retest (bread & butter)

- ① BOS sets your direction — trade that side only
- ② Wait for a pullback into a **high-score** OB box (better if it sits in the discount half of the range)
- ③ Watch the **Flow defense** line and the **Defended** label during the retest — that is your order-flow green light
- ④ Stop goes beyond the far edge of the zone; first target is the opposite liquidity (EQH / prior high)

### Playbook 2 — Sweep & reverse (the only sanctioned counter-trend)

- ① A CHoCH puts you on reversal watch
- ② As price approaches EQH/EQL, a **Wall** verdict says the level is genuinely defended
- ③ **Sweep** fires when stops are run — but **wait for Grab ✓**; an unconfirmed sweep may be a real breakout
- ④ After the Grab, enter on the retest of the opposing OB/iFVG, targeting the liquidity on the other side

### Playbook 3 — Breakout follow-through

A **Vacuum** verdict near a pool (resting side pulling) means the path is clearing: expect a clean break. Trade with it or wait for the break-and-retest — do not fade the level.

### The A+ stack

CHoCH → EQL swept with Grab ✓ ▲ → price in discount → retest of a high-score bullish OB → Defended ▲ fires → long, stop under the zone, target the opposite pool. Every link is independent evidence; each missing link downgrades the setup.

### How to read the scores honestly

Zone percentages are calibrated **delta purity** (one-sidedness of the aggressor flow that built the zone), hard-capped at 93% — **no signal ever deserves an all-in**. High score = stronger evidence, not certainty. Raw purity on index futures is naturally low (market-maker churn dominates), which is why the calibration scale is adjustable (see section 5).

## 5. Settings reference

Changes do **not** apply instantly. Adjust freely, then press **Apply display settings** at the bottom of any panel. Parameters marked "needs reload" (bar period, pivot, pool sizes, P&S; engine, window lengths) are applied by **Apply ALL + reload addon** on the Structure panel.

### License

| Item        | Notes                                                                                    |
|-------------|------------------------------------------------------------------------------------------|
| License key | Paste your key, press Activate / validate; status shows the result and grace-period info |

### SMC structure

| Parameter          | Default | Notes                                                           |
|--------------------|---------|-----------------------------------------------------------------|
| Bar period (sec)   | 60      | Internal bar size. Smaller = more sensitive structure           |
| Pivot strength N   | 3       | Swings need N bars each side. Bigger = more significant, slower |
| Display toggles ×4 | on      | 50% line / range lines / swing dots / BOS·CHoCH labels          |

### SMC zones

| Parameter              | Default | Notes                                            |
|------------------------|---------|--------------------------------------------------|
| Displacement (× ATR)   | 1.5     | How far a breaking leg must travel to mint an OB |
| FVG min gap (ticks)    | 2       | Raise to 3–6 on ES if choppy sessions get noisy  |
| Equal H/L tolerance    | 2       | Tick tolerance for EQH/EQL pairing               |
| iFVG min FVG age       | 3       | An FVG younger than this dies without inverting  |
| Filled boxes / opacity | on / 60 | Zone fill and its strength                       |
| Max zones (×3)         | 6       | Per-type simultaneous cap; oldest gets evicted   |

### Order flow

| Parameter                   | Default | Notes                                                              |
|-----------------------------|---------|--------------------------------------------------------------------|
| Delta purity for 100%       | 0.20    | Score calibration — lower it if scores sit too low                 |
| Grab confirm window         | 3       | Bars allowed for the delta flip                                    |
| Grab delta flip (× avg vol) | 0.5     | Flip size threshold                                                |
| Resting size labels         | on      | Book size stamped on new EQH/EQL                                   |
| Alerts / popup / sound      | on      | Also enable them in Bookmap's own alert settings — both must allow |

### P&S; flow (book context)

| Parameter             | Default | Notes                         |
|-----------------------|---------|-------------------------------|
| Depth levels from BBO | 10      | Levels counted for pull/stack |

| Parameter                    | Default        | Notes                                                  |
|------------------------------|----------------|--------------------------------------------------------|
| Pull/stack window / baseline | 60 / 600 s     | Fast window and z-score baseline                       |
| Pool approach band (ticks)   | 6              | Distance at which Vacuum/Wall monitoring starts        |
| Vacuum/Wall z threshold      | 1.5            | Verdict bar; raise if chatty                           |
| Defended avg score           | 0.25           | Retest defense pass-line; tune for frequency           |
| Iceberg (3 params)           | 50 / 2.0 / 60s | Min executed / × displayed size / half-life (MBO only) |
| Sub-chart lines              | all on         | Per-line show toggles and colors                       |

## Appearance

All line colors, box colors, widths, label font size and dot size live here. Already-stamped labels keep their look (icons are stamps); lines and boxes recolor across their full history.

## 6. FAQ

| Question                            | Answer                                                                                                                        |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Signals appear later than the move? | Swings need N bars and breaks need a confirmed close — that is the SMC method itself. Nothing repaints: what you see is final |
| Sub-chart is flat?                  | The P&S; engine runs on live data only (~30 s warm-up); the iceberg line additionally needs an MBO feed                       |
| No IB marks at all?                 | Your feed does not deliver MBO order-by-order data; iceberg detection disables itself, everything else still works            |
| Zone scores all look low?           | Index futures have naturally low raw delta purity. Lower the "Delta purity for 100% score" calibration                        |
| Too many signals?                   | Raise in order: FVG min gap → Displacement ×ATR → pivot N → bar period; raise the Vacuum/Wall z threshold                     |
| Alerts silent?                      | Enable popup/sound both in the addon AND in Bookmap's alert settings — the effective setting is the intersection              |
| New machine / reinstall?            | Licenses bind to a machine fingerprint. Contact support to release the old seat, then Activate on the new machine             |
| "+" history" loads slowly?          | Bookmap replays the whole session at 100 ms granularity. Use the standard variant for daily work                              |

## 7. Disclaimer

This software and every signal it produces are for educational and research purposes only and do not constitute investment advice. The "institutional intent" narrative of Smart Money Concepts is inherently unverifiable; this indicator promises only reproducible geometric rules and measurable order-flow statistics. Futures and derivatives trading carries substantial risk of loss and is not suitable for every investor. You alone are responsible for your trading decisions.