

Flow Pro

V1.0

量价流向

CLOSE-LOCATION-WEIGHTED VOLUME

给价格走势，增加一个量价对照视角。

Add a volume-based perspective to price action.

收盘位置 × 量

Close location × volume



累计估算

Cumulative estimate



相对参考

Relative to reference

原理示意，非真实行情 / Conceptual workflow, not market data

使用说明书

USER GUIDE / V1.0

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Purpose & Principle

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等待上架中 / Awaiting release

量价估算，非真实 CVD 或净流入金额。

Volume-pressure estimate; not true CVD or net cash inflow.

1. 给价格增加一个量价对照视角 / Add a Volume-Based Perspective

Flow Pro 把当前图表 K 线的收盘位置与量数据结合，在独立副图中显示累计估算、参考线与云带。它帮助你分开观察近期累计背景与当前柱的估算变化，再与同一连续锚段内的价格走势作人工对照。

Flow Pro combines chart-bar close location with volume in a separate pane. Its cumulative estimate, reference, and cloud help distinguish the **recent cumulative backdrop** from the **current bar's estimated contribution**, for manual comparison with price within the same continuous anchor segment.

本柱估算采用 A/D 式定义：收盘越靠近本柱最高价，贡献越偏正；越靠近最低价，越偏负。收盘位置权重相同且非零时，量越大，估算增量的绝对值越大。

The bar estimate follows an A/D-style definition: a close nearer the high contributes more positively; a close nearer the low contributes more negatively. For the same nonzero close-location weight, more volume produces a larger absolute estimate.

$$\text{delta} = \text{volume} \times (2 \times \text{close} - \text{high} - \text{low}) / (\text{high} - \text{low})$$



独立示意：三柱均 H=110、L=100、量=1,000；非真实行情。

Independent examples: equal range and volume. Illustrative values, not market data.

零振幅柱按约定记为 0，不代表买卖均衡；有效零量柱也贡献 0。公式以图表 OHLCV 估算，不读取逐笔成交的主动买卖方向。

A zero-range bar contributes 0 by convention, not because balanced buying and selling was observed. A valid zero-volume bar also contributes 0. The formula estimates from chart OHLCV; it does not read trade-level aggressor direction.

它不是真实 CVD，也不代表真实净流入金额。Tick 量只反映数据源的 Tick 活动；不同市场的量口径可能不同，绝对读数不宜直接跨品种比较。

This is not true CVD or actual net cash inflow. Tick volume reflects the feed's tick activity. Volume definitions vary across markets, so absolute readings should not be compared directly between instruments.

2. 先看累计背景，再看当前柱 / Read the Backdrop, Then the Bar

云带与线色各说什么 / What the Cloud and Line Say

云带表示累计线相对参考线的位置：默认绿为上方，红为下方；重合时没有方向云。零轴表示该锚段累计的正负，与云带含义不同。

The cloud shows cumulative flow relative to its reference: green above and red below by default, with no directional cloud at equality. The zero axis shows the anchored cumulative sign, which is a different comparison.



示意：粗线为累计，细线为参考；非强度评分。 / Schematic: thick = flow, thin = reference; not a score.

亮暗只作用于累计线，不是强度分数。当前 delta 与上/下方状态同向时更显，反向时淡化；delta 为 0 时线为中性色，但已有方向云可保留。云带透明度由设置固定控制。

Intensity affects the flow line, not a strength score. It is brighter when delta aligns with the above/below state and faded when it opposes it. At delta 0 the line is neutral, while a directional cloud may remain. Cloud transparency follows its setting.

四步观察 / Four Steps

1. 确认面板显示的数据就绪及实际锚定；先保留 Auto 和参考长度 20。
 2. 看累计线与参考线的相对位置是否持续，再读本柱 delta 与线色变化。
 3. 在同一连续锚段内与价格对照，记录同向或不一致；不跨归零点直接连接累计高低点。
 4. 固定品种、周期和历史范围，每次只调整一个参数，再比较读图效果。
1. Check data readiness and the actual anchor; start with Auto and reference length 20.
 2. Observe persistence above/below the reference, then read delta and line color.
 3. Compare with price within one continuous anchor segment. Note agreement or disagreement; do not connect cumulative extrema across resets.
 4. Keep the instrument, timeframe, and history fixed; change one setting at a time.

脚本不会自动识别、标记或提醒背离，也不判定趋势是否"得到成交量支持"。曲线与面板盘中实时变化；面板跟随最新柱，不跟随十字光标。

The script does not detect, mark, or alert on divergences, or determine whether volume supports a trend. Lines and the card update live. The card follows the latest bar, not the crosshair.

3. 换锚点，只平移共同零位 / One Baseline Across Anchor Changes

参考线先对连续累计值取 N 根均值，再与累计线减去相同锚点基准。N 根窗口跨锚点保留；不是把不同归零段的数值直接混合求均值。这样，单纯平移零位不会改变两线的相对位置。

The reference averages N continuous cumulative values before subtracting the same anchor baseline as the flow line. The N-bar window spans anchor changes instead of mixing separately reset segments. **Shifting the baseline alone does not change their relative position.**



同一次观察的坐标平移示意，非前后两柱；数值单位任意。
Same observation, shifted coordinates - not two consecutive bars. Arbitrary units.

新段参考线可以在零轴下方，不代表新段已发生相同规模负向成交。锚点与数据恢复首柱有意留绘图断点；该柱仍参与计算，可在数据窗口读取。

The new segment's reference may be below zero without implying that amount of negative trading occurred in it. Anchor and recovery bars deliberately leave a visual gap; those bars still count and their values remain in the Data Window.

Auto 实际锚定 Actual Auto anchor	图表周期时长 Chart duration
日 D	小于 1D Below 1D
周 W	1D 至小于 1W 1D to below 1W
月 M	1W 至小于 1M 1W to below 1M
12 月 12M	1M 至小于 12M 1M to below 12M
连续 Continuous	12M 及以上 12M and above

仅支持标准时间 K 线，不支持 Tick、Heikin Ashi、Renko 等图表。手选 D/W/M 必须严格长于图表周期。按交易所边界、整根柱开盘归属累计，不随显示时区移动，跨界柱不拆分。

Only standard time bars are supported, not tick, Heikin Ashi, Renko, or other non-standard charts. A manual D/W/M anchor must be strictly longer than the chart timeframe. Whole bars follow exchange anchor periods at opening; display timezone does not move boundaries and spanning bars are not split.

4. 设置速查 / Settings at a Glance

设置 Setting	默认 Default	用途 Purpose
参考均线长度 Reference Length	20 (2-500)	连续 N 柱参考 N valid bars
累计锚定 Accumulation Anchor	Auto	可选 D/W/M/连续 D/W/M/Continuous available
显示累计线 Show Flow Line	开 On	累计估算 Cumulative estimate
显示参考线 Show Reference Line	开 On	同零位均值 Shared-baseline mean
显示流向云带 Show Flow Cloud	开 On	两线开启且就绪 Both lines on and ready
累计线样式 Flow Style	阶梯 Step	可选连线，不增加平滑 Connected Line; no extra smoothing
累计线宽 Flow Width	2 (1-4)	只改外观 Appearance only
云带透明度 Cloud Transparency	88 (0-100)	越高越透明 Higher is more transparent
显示零轴 Show Zero Line	开 On	锚段零位 Anchored zero
参考线上方 Above Reference	绿 Green	上方状态色 Above-state color
参考线下方 Below Reference	红 Red	下方状态色 Below-state color
中性与未就绪 Neutral & Unready	灰 Gray	重合、零增量或未就绪 Equal, zero delta, or unready
面板语言 Card Language	中文	可选 English English available
面板主题 Card Theme	Auto	深色 / 浅色可选 Dark/Light available
显示状态面板 Show Status Card	开 On	关闭也隐藏诊断 Hiding also hides diagnostics
面板位置 Card Position	右下 Bottom Right	四角可选 Four corners
面板字号 Card Size	小 Small	可选常规 Normal available
启用收盘观察提醒 Enable Close-Confirmed Alerts	关 Off	须另建 TradingView 提醒 Create TradingView alerts separately

面板语言切换面板及提示；设置、图例和提醒名称固定双语。关闭显示不停止计算或已启用提醒。没有买卖箭头、自动下单或 EA 连接。

Card language changes the card and its tooltips; settings, plots, and alert names remain bilingual. Display switches do not stop calculations or enabled alerts. There are no buy/sell arrows, automated orders, or EA connections.

5. 数据、提醒与开始使用 / Data, Alerts, and Getting Started

数据状态先于颜色 / Read Data Status Before Color

参考线需要 N 根连续有效柱。缺量、负量或无效 OHLC 不补 0，恢复后重新累计和预热。周期锚定在段中加载 / 恢复时为部分锚段，待下个有效锚点才完整；恢复恰逢已观察到的新边界或精确锚点开盘可直接建新段。Continuous 仅从加载 / 恢复起点重新累计与预热。

The reference needs N consecutive valid bars. Missing/negative volume or invalid OHLC is not replaced with zero; recovery restarts accumulation and warmup. A mid-period start/recovery in periodic modes is partial until the next valid anchor. An observed new boundary or exact anchor opening can establish a segment immediately. Continuous restarts from the loaded/recovery origin and warms up.

部分锚段即使预热完成，也不显示方向云或触发提醒；锚段总量为零时也不输出方向状态。中性显示不能直接解释为买卖均衡。

Partial anchors suppress directional clouds and alerts even after warmup. Zero total anchor volume also suppresses direction. A neutral display is not evidence of balanced buying and selling.

可选提醒 / Optional Alerts

开启"收盘观察提醒"后，在 TradingView 创建"流向转至参考线上方"或"流向转至参考线下方"，选择每根 K 线收盘。提醒要求前后两柱均就绪，排除重置、恢复、预热和部分锚段；曲线仍实时更新。修改脚本或设置后删除旧提醒并重建。

Enable close-confirmed alerts, then create Flow Above Reference or Flow Below Reference in TradingView and select once per bar close. Both bars must be ready; resets, recovery, warmup, and partial anchors are excluded. Curves still update live. Delete and recreate saved alerts after changing the script or inputs.

与其他产品的分工 / How It Differs

Flow Pro 看收盘位置加权量的累计与参考；Pulse 看双线动量；VWAP Pro 看成交量加权价格与 ATR 距离。它们解决的问题不同，组合后也不会自动变成完整交易系统。

Flow Pro compares cumulative close-location-weighted volume with a reference; Pulse provides two-line momentum; VWAP Pro provides weighted price and ATR distance. They answer different questions and do not automatically form a trading system when combined.

入口与验收状态 / Access and Validation

等待上架中。TradingView 链接尚未提供。已有源文件的用户可在 Pine 编辑器保存并添加到受支持的图表，再按本手册核对；这不代表已完成原生验收。

Awaiting release. A TradingView link has not been supplied. Source holders may save it in the Pine Editor and add it to a supported chart for the checks in this guide; this does not establish native validation.

TradingView 原生编译、图表与提醒投递待验证。原理图仅用于说明读法，不代表历史回测或交易表现。

Native TradingView compilation, chart behavior, and alert delivery remain unverified. The diagrams explain how to read the indicator; they do not represent backtests or trading performance.