



QUICK CARD

Asymmetry Engine

How it works – one page

Asymmetry Engine is TrainersEye MMSx Body Mechanic – a tri-view asymmetry decision engine.

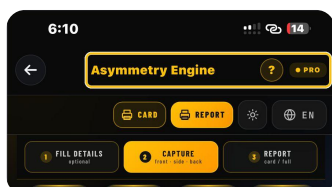
TrainersEye app → Dashboard → Asymmetry Engine · Pro plan

GETTING STARTED

SET UP AND CAPTURE

ANALYSE

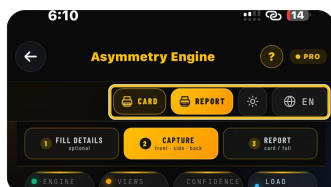
THE REPORT



1

Open the tool

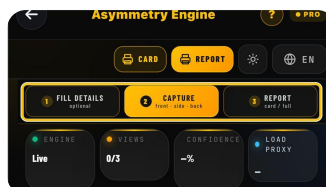
From the Dashboard, tap Asymmetry Engine – TrainersEye MMSx Body Mechanic, powered by MMSx Authority Institute.



2

Card, Report, look and language

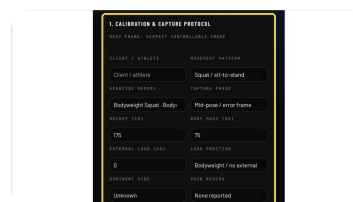
The header prints the one-page Card or the full Report, switches the light and dark look, and sets the language – English, Hindi, Spanish or Arabic.



3

The three steps

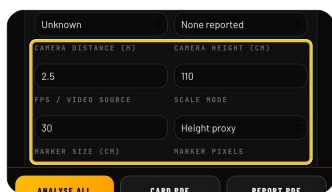
Fill Details, Capture and Report – the stepper across the top.



4

Fill details – the capture protocol

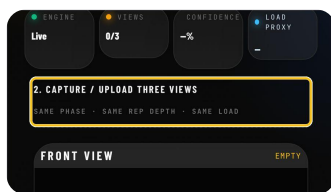
Enter the client, the movement pattern and exercise, the capture phase – the deepest controllable frame – height, body mass, external load and load position, dominant side and pain region.



5

Calibrate the camera

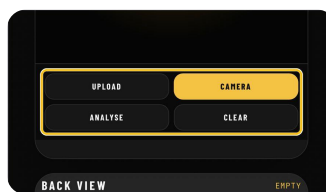
Record camera distance and height, frames per second and the scale mode – height proxy, or a visible marker with its size in centimetres and pixels for centimetre-level reporting.



6

Capture three views – same phase, same depth, same load

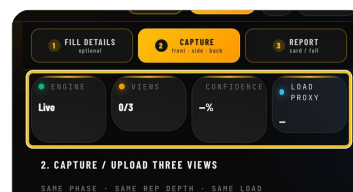
Front is the true front view, Side the 90° lateral view, Back the true back view – all of the same rep at the same phase, depth and load.



7

Upload or camera, analyse, clear

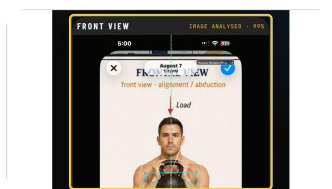
Each view panel has Upload and Camera to bring the image in, Analyse to run that view alone, and Clear to start it again.



8

Analyse All

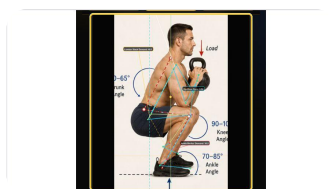
Tap Analyse All to run the brain on all three views.



9

Read the front view

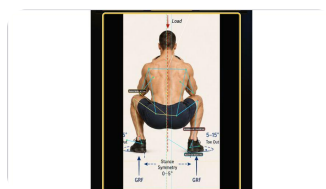
The overlay draws the skeleton and the front metrics – R/L hip lateral shift, knee path asymmetry, frontal control and the thoracic rotation proxy – with the confidence of the analysis.



10

Read the side view

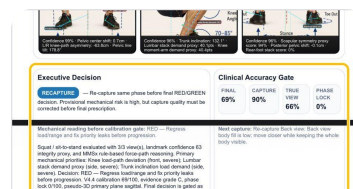
Trunk inclination, lumbar stack demand, hip-knee sync, ankle rocker demand and the hip moment-arm demand proxy.



11

Read the back view

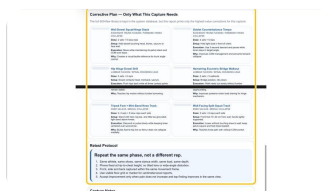
Pelvic shift, Achilles left and right, rear-foot stack and posterior pelvic shift.



12

Executive decision and the accuracy gate

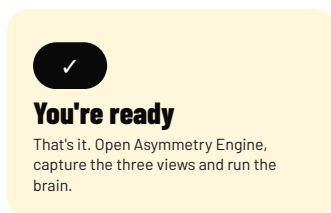
The report opens with the decision – GREEN, RED, or RECAPTURE – the evidence grade and calibration, the tri-view evidence with confidence, and the clinical accuracy gate: final, capture, true view, phase lock – with the next capture to make.



13

Corrective plan and retest protocol

The report prints only the corrections this capture needs – each with dose, setup, execution and why – the retest protocol, capture notes and the pseudo-3D vector.



You're ready

That's it. Open Asymmetry Engine, capture the three views and run the brain.

IN THE REPORT

MASTHEAD · TITLE AND ENGINE · DECISION, EVIDENCE, CALIBRATION · CAPTURE PARAMETERS · CAPTURED TRI-VIEW EVIDENCE · CONFIDENCE LINES · EXECUTIVE DECISION · CLINICAL ACCURACY GATE