

IMAGE ANALYST v3.20

FIRST WALK-THROUGH

LUMATICLAB | OFFLINE | REFERENCE EDITION

What this tool does

Image Analyst inspects photographs using preview-based screening and offers a reversible tonal experiment. It does not replace an editor or change the original file.

Works entirely offline in a modern browser. Use JPEG, PNG, or WebP; no RAW or animated files.

First ten minutes

1. Extract the offline ZIP, then open IMAGE_ANALYST_v3-20.html in a browser.
2. Start with the built-in test card, or choose Open image / Load [L] for a photograph.
3. Choose Colour or B&W under Analysis. This changes the diagnostic emphasis, not the underlying source pixels.
4. Under View / Test, choose Diagnostics. Select Clean, RGB limits, Zebra, Fringe, Banding, Thirds, Tone map or All markers.
5. Adjust Marker intensity to change visibility. Adjust Screening sensitivity only when interpreting Fringe or Banding candidates.
6. Open Measurements: Histogram, Tone bands, Markers, Technical, or Findings. These are different views of analysis data.
7. Switch to Tonal Test, adjust one slider, then compare Source against Test using the curtain.
8. Use Reset tonal to return to neutral; optionally try Auto Test as an experiment, not an automatic correction.
9. Choose Analyse: Source or Tonal Test to select the state used for measurements and relevant exports.
10. Save the report, a tone map, or an untouched copy of the original. Check Help [?] for definitions.

Read the result responsibly

- Coloured overlays are candidates and indicators, not confirmed defects.
- Inspect the original at 100% before concluding that clipping, chromatic aberration or banding exists.
- Shifting clipped preview pixels away from 0 or 255 does not recover lost detail.

Compact display

The desktop app shell is capped at 1536×864 pixels on a 1920×1080 screen. At smaller browser sizes it uses the available viewport. On narrow screens panels may rearrange; panel content can still scroll.