

TrueCal

Kromek's TrueCal mid-level calibration tool enables Kromek detectors to be calibrated in-country with ease

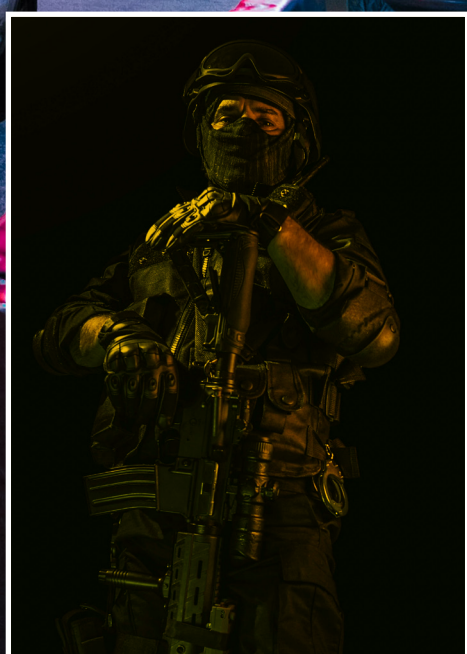
TrueCal

In mission-critical environments where accuracy and readiness are paramount, equipment downtime is not an option. TrueCal has been developed to give users greater control over detector performance, enabling in-country calibration of Kromek's D5 RIID and D3S ID devices quickly and efficiently.

Acting as a practical mid-level calibration solution, TrueCal bridges the gap between K-40 tracking and ADS, providing a streamlined, cost-effective way to maintain peak detector accuracy without the need to return units to Kromek HQ.



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In-Country Calibration Made Simple

TrueCal is a mid-level maintenance tool that enables Kromek's D5 RIID and D3S ID to be calibrated in-country without needing to be sent back to Kromek HQ.

It saves costs, time and is easy to use. Simply plug the device into a PC or Laptop with TrueCal installed and get calibrating.

The TrueCal software serves as a middle ground between the already existing K-40 tracking and ADS:

K-40 tracking

Maintains and updates a calibration on a detector out in the field

TrueCal

Maintains and updates certain features whilst resetting or recalibrating others on a detector in-country

ADS

The detector is fully recalibrated and reset at Kromek HQ

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Four Simple Steps to Accurate Calibration

There are four main steps that TrueCal follows to calibrate your detectors:

1. Temperature calibration update
2. LLD remeasuring
3. K-40 tracking remeasuring
4. Channel-energy pair remeasuring

Additionally, there is the option to validate the high dose calibration.

The intuitive interface and guided on-screen instructions ensure a smooth and straightforward calibration process.

Additional Features of TrueCal

Keep Your Detector Accurately Calibrated

The Calibration Interval tool allows the user to set a reminder when the calibration will run out, whilst the Calendar tool shows when the calibrations of previously calibrated detectors will run out.

Real-Time Access to Detailed Detector Data

On TrueCal, you can view dates, values, results and more from any previous calibration performed. Additional notes can also be added by the user to record extra information relevant to the needs of the application.

In-depth review of the calibration available

Extensive calibration information can also be viewed on TrueCal, alongside a spectrum collected during the mixed source spectra collection. Counts can be looked at, the position of spectral peaks checked, and a test and inspection (TNI) sheet made available for download.

Verify Performance with Live Spectra

Live spectral data can be accessed before or after a calibration. This serves as a quick check of the energy-channel pairing without needing to open a second software.

Confidence in Every Calibration

With its intuitive software interface, clear on-screen guidance, and structured four-step calibration process, TrueCal empowers teams to maintain optimal detector performance with confidence.

By reducing turnaround time, minimising operational disruption, and lowering maintenance costs, TrueCal ensures your Kromek detectors remain mission-ready whenever and wherever they are needed.





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