



**K&S Associates, Inc.**

1926 Elm Tree Drive  
Nashville, Tennessee 37210-3718  
800-522-2325 Fax 615-871-0856



**A2LA Accredited Combination Multi-Meter System Calibration Service**  
**(Fluke Unfors / Raysafe, Keithley Triad, PTW Nomex, RTI, etc.)**

Facility \_\_\_\_\_ Phone \_\_\_\_\_

Person \_\_\_\_\_ E-Mail \_\_\_\_\_

**Calibration options include –**

**Base Multi-Meter Unit and One Probe** service may include calibrations for kV, rate, time, dose, pulse, HVL, doserate, mA, mAs, and **one external probe calibration at one technique / energy.**

**Probe/s** (if included) can be calibrated for different techniques including Mammography, Radiographic, Fluoroscopic, CT, Survey, and/or Dental at different energy levels.

**Filter/s** (if included) can be calibrated for different techniques including Mammography, Radiographic at different energy levels.

**Light Probe** (if included) can be calibrated for different techniques including luminance (cd/m<sup>2</sup> or fL) and/or illuminance (lux or fc)

- K&S calibrates all Makes & Models of Combination Multi-Meter Systems with no favoritism.
- K&S requires customer input instructions per the application the Unit is being used for.

**Calibration Techniques available – Mammography, Radiographic, Fluoroscopic, CT, Survey, Dental.**

**Technique kVp Energies available for calibration on each probe and/or filter listed below.**

**\*Each additional calibration Energy incurs an additional cost.**

**Mammography\* (Mo/Mo)**

**\*Three energies to calibrate preferred**

- 24 kVp (0.27 mm Al HVL)
- 25 kVp (0.29 mm Al HVL)
- 26 kVp (0.31 mm Al HVL)
- 28 kVp (0.33 mm Al HVL)
- 30 kVp (0.35 mm Al HVL)
- 32 kVp (0.36 mm Al HVL)
- 35 kVp (0.38 mm Al HVL)

**Radiographic**

**\*Three energies to calibrate preferred**

- 50 kVp (1.83 mm Al HVL)
- 60 kVp (2.20 mm Al HVL)
- 80 kVp (2.90 mm Al HVL)
- 100 kVp (3.70 mm Al HVL)
- 120 kVp (4.49 mm Al HVL)
- 140 kVp (5.37 mm Al HVL)

**Fluoroscopic**

**\*Three energies to calibrate preferred**

- 50 kVp (1.83 mm Al HVL)
- 60 kVp (2.20 mm Al HVL)
- 80 kVp (2.90 mm Al HVL)
- 90 kVp (3.31 mm Al HVL)
- 100 kVp (3.70 mm Al HVL)
- 120 kVp (4.49 mm Al HVL)

**CT**

- 120 kVp (8.38 mm Al HVL)
- 140 kVp (9.23 mm Al HVL)

**Survey**

- L100 kVp (2.9mm Al HVL)
- M100 kVp (5.0 mm Al HVL)

**Dental**

**\*Three energies to calibrate preferred**

- 50 kVp (1.83 mm Al HVL)
- 60 kVp (2.20 mm Al HVL)
- 70 kVp (2.48 mm Al HVL)
- 80 kVp (2.90 mm Al HVL)
- 90 kVp (3.31 mm Al HVL)
- 100 kVp (3.70 mm Al HVL)

\*Complies with MQSA requirements for NIST measurement assurance agreement- 900.2(xx) and for NIST traceability 900.12(d)(12)

**Equipment Description (Make / Model / Serial Number)** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

email: [info@kslab.com](mailto:info@kslab.com)

web: <http://www.kslab.com>

**Included Probes & Filters (Make / Model)**

Please list each probe and/or filter to be calibrated plus each Energy/s per above guide.

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**Combination Multi-Meter Kit Pricing =**

Base Multi-Meter Unit with <b>one</b> Probe at <b>one</b> Energy	Quantity = <u>1 Kit</u>
Additional Probe/s at <b>one</b> Energy	Quantity = _____
Additional Probe Energy/s	Quantity = _____
Filter/s at <b>one</b> Energy	Quantity = _____
Additional Filter Energy/s	Quantity = _____
Additional Light Probe	Quantity = _____
Additional Light Probe Technique	Quantity = _____

Other Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Indicate problems that may require repair: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Calibration intervals: Your re-calibration reminder will be set on a 24 month interval unless you specify otherwise. If you wish a re-calibration date recorded on your report please indicate the interval you require in the space below.**

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***American Express, MasterCard, Visa are accepted***  
email: [info@kslab.com](mailto:info@kslab.com)      web: <http://www.kslab.com>