



K&S Associates, Inc.
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 Nashville, Tennessee 37210-3718
 800-522-2325 Fax 615-871-0856



Diagnostic X-Ray Accredited Calibration Service

Facility _____ Phone _____

Person _____ E-Mail _____

Calibration Techniques available – Mammography, Radiographic, Fluoroscopic, CT, Survey, Low Rate.

Combined Expanded Uncertainties (including NIST) at the 95% confidence level:
 Mammography: 3% Rad/Fluoro/CT: 5% Survey Meter X-ray point: 10%

Technique kVp Energies available to calibrate at. *Each additional calibration energy incurs an additional cost.

Mammography*

*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)

CT

- 120 kVp (8.34 mm Al HVL)
- 140 kVp (9.18 mm Al HVL)

Survey Meter**

- 70 kVp (8.0mm Al HVL)
- 90 kVp (9.5 mm Al HVL)
- 110 kVp (10.7 mm Al HVL)

Low Rate Dosimeters

- 70 kVp (8.0 mm Al HVL)
- 90 kVp (9.5 mm Al HVL)
- 110 kVp (10.7 mm Al HVL)

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

** Single point calculation. Survey meter linearity is established with a separate Cs-137 calibration

Equipment / Chamber (list kVp energy/s to calibrate at per chamber) _____

Equipment with one chamber at one energy	Quantity = ____
Same Equipment and additional chambers	Quantity = ____
Additional techniques / energies on chambers	Quantity = ____
Survey Meter Calibration at diagnostic x-ray point (Linearity must be established on separate Cs-137 calibration)	Quantity = ____

Calibration intervals: Your re-calibration reminder will be set on a 12 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 provided. _____

American Express, MasterCard, Visa are accepted

email: info@kslab.com

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