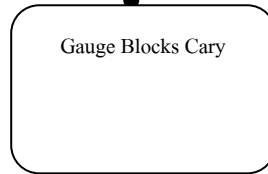


# Dimension Laboratory Traceability Chart

National Metrology  
Institute

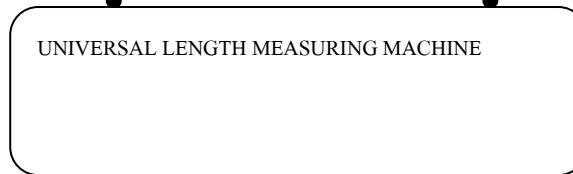


Reference Standards  
Calibration Laboratory owned



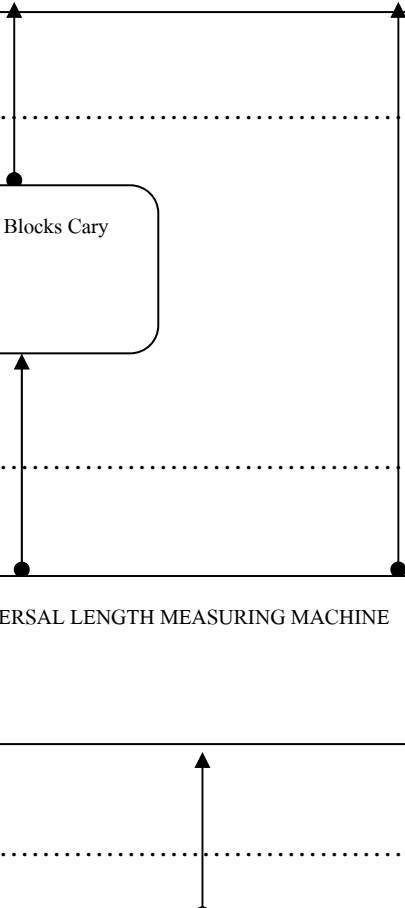
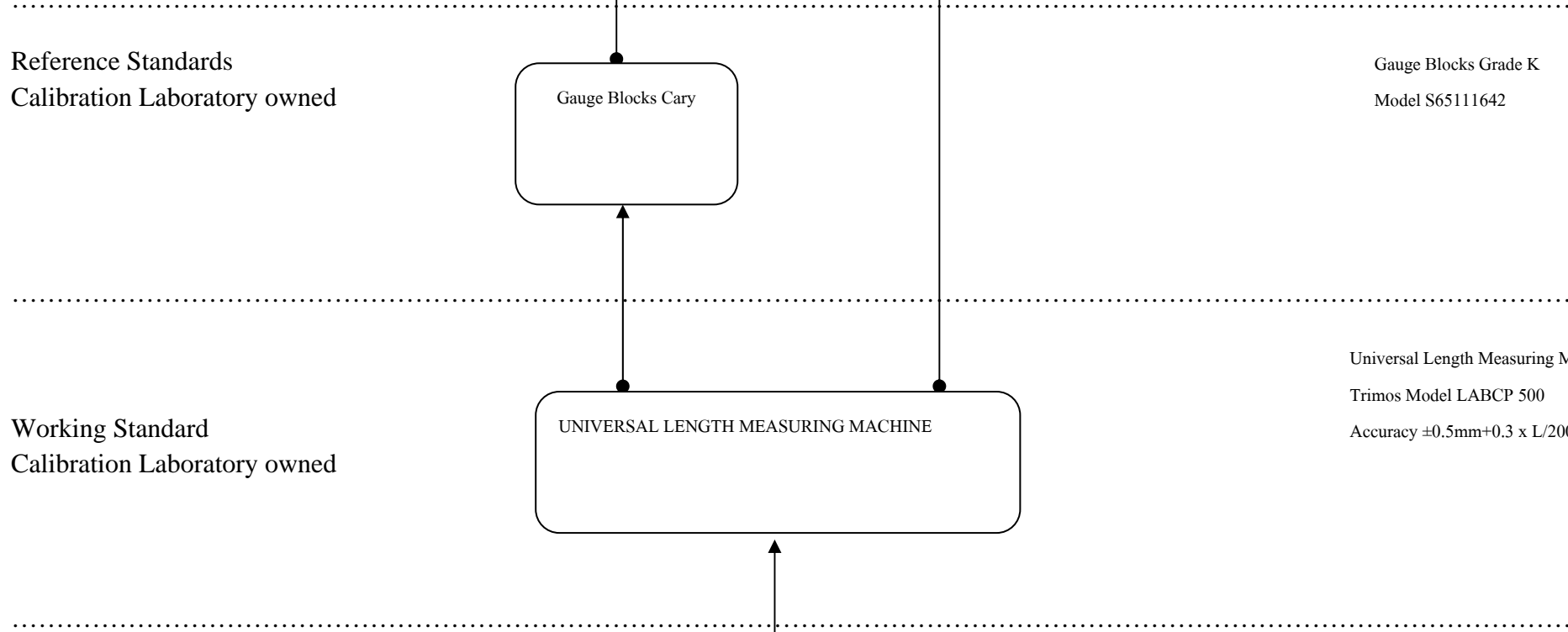
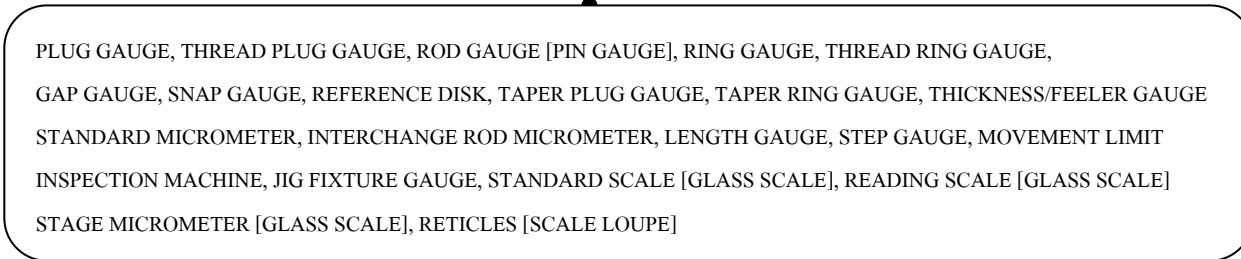
Gauge Blocks Grade K  
Model S65111642

Working Standard  
Calibration Laboratory owned



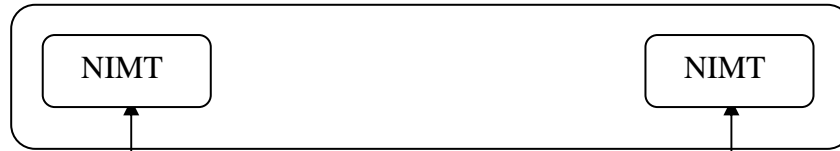
Universal Length Measuring Machine  
Trimos Model LABCP 500  
Accuracy  $\pm 0.5\text{mm} + 0.3 \times L/200 \text{ mm}$

Dimension Instrument

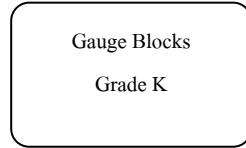


# Dimension Laboratory Traceability Chart

National Metrology  
Institute

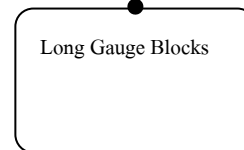
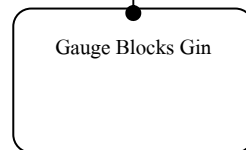
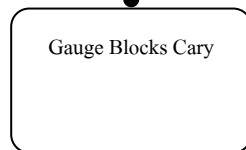


Reference Standards  
Calibration Laboratory owned



Gauge Blocks Grade K  
Model S65111642

Working Standard  
Calibration Laboratory owned

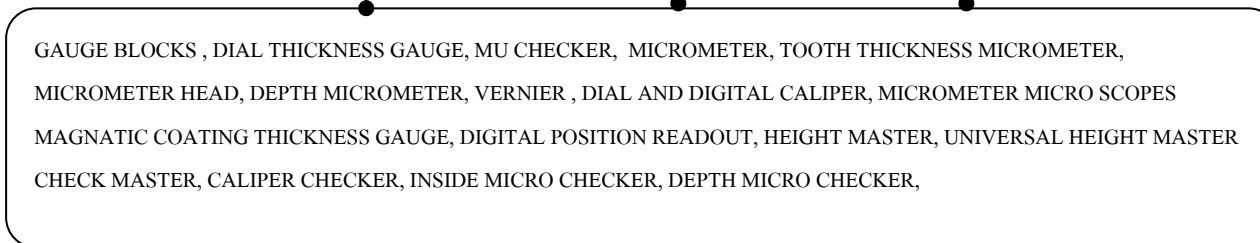


Gauge Blocks Cary  
Accuracy Grade 0

Gauge Blocks Gin  
Accuracy Grade 0

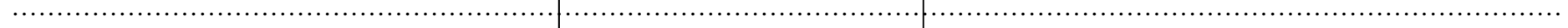
Long Gauge Blocks  
Mitutoyo Model 516-702-02 Grade 0

Dimension Instrument

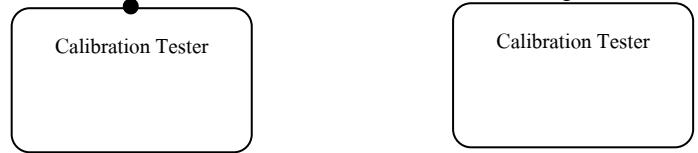


# Dimension Laboratory Traceability Chart

National Metrology  
Institute



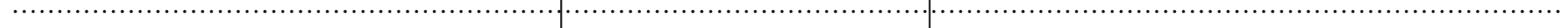
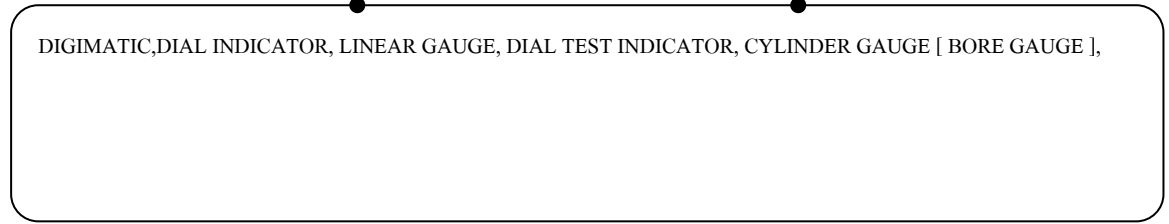
Working Standard  
Calibration Laboratory owned



Calibration Tester Mitutoyo Model 521-110  
Accuracy±0.8 μm

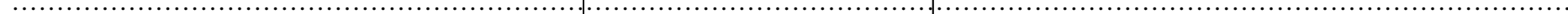
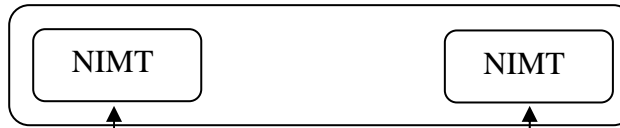
Calibration Tester Mitutoyo Model 170-102M-2  
Accuracy± μm

Dimension Instrument

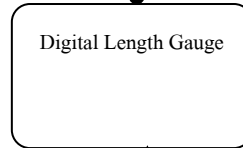
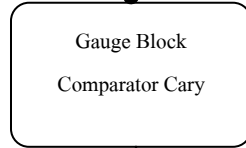


# Dimension Laboratory Traceability Chart

National Metrology  
Institute



Working & Reference Standard  
Calibration Laboratory owned



Gauge Block Comparator Cary  
Model IVC-154 Accuracy  $\pm 0.05 \mu\text{m}$   
  
Digital Length Gauge Heidechain in  
Model MT12 Accuracy  $\pm 0.3 \mu\text{m}$

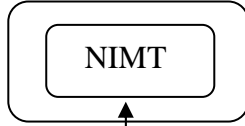


Dimension Instrument

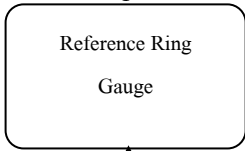


# Dimension Laboratory Traceability Chart

National Metrology  
Institute

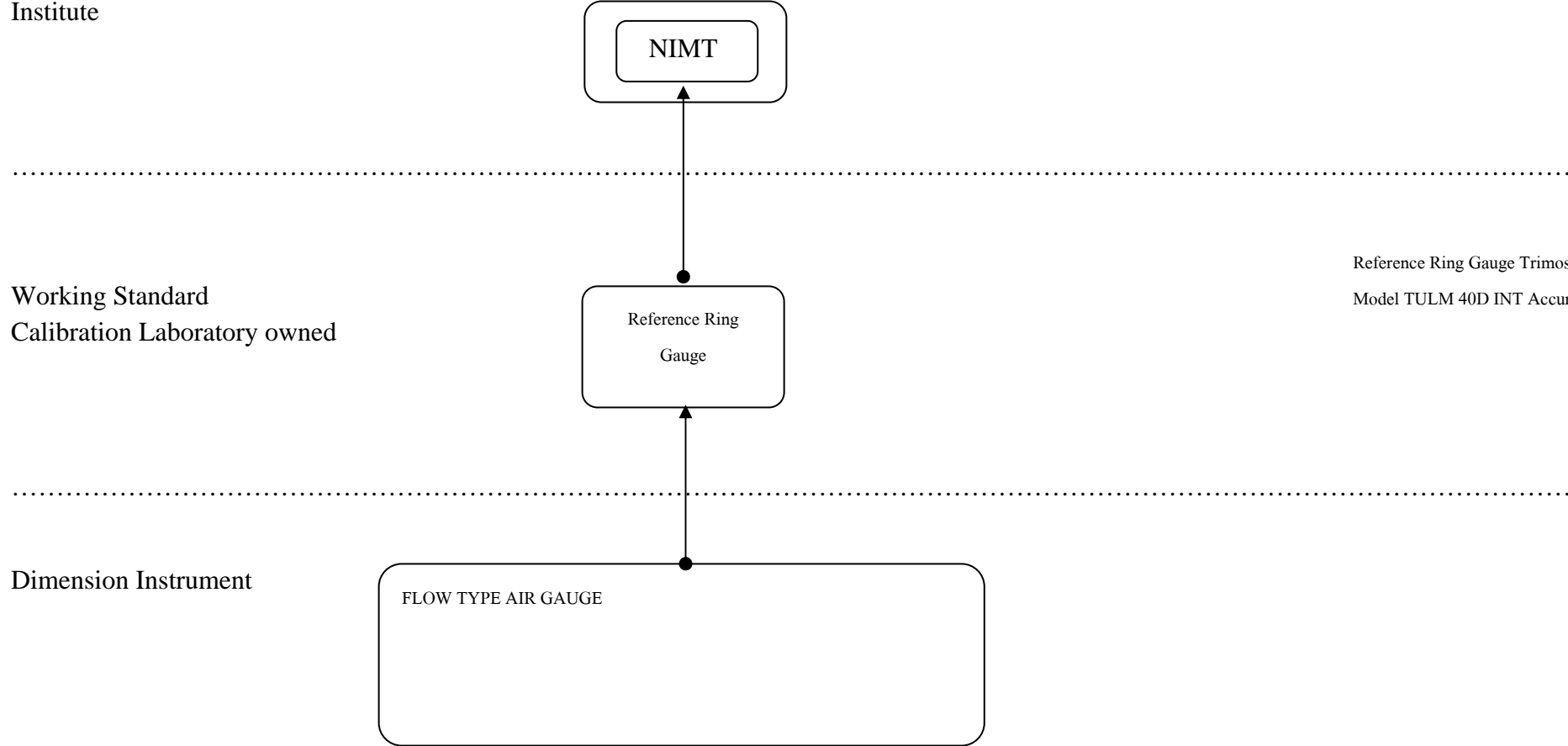
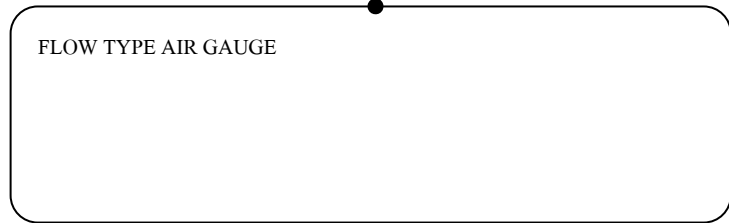


Working Standard  
Calibration Laboratory owned



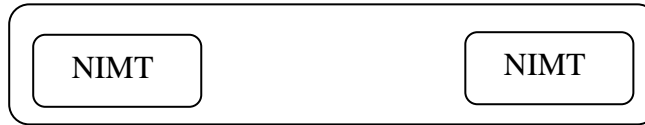
Reference Ring Gauge Trimos  
Model TULM 40D INT Accuracy  $\pm 0.1\mu\text{m}$

Dimension Instrument



# Dimension Laboratory Traceability Chart

National Metrology  
Institute

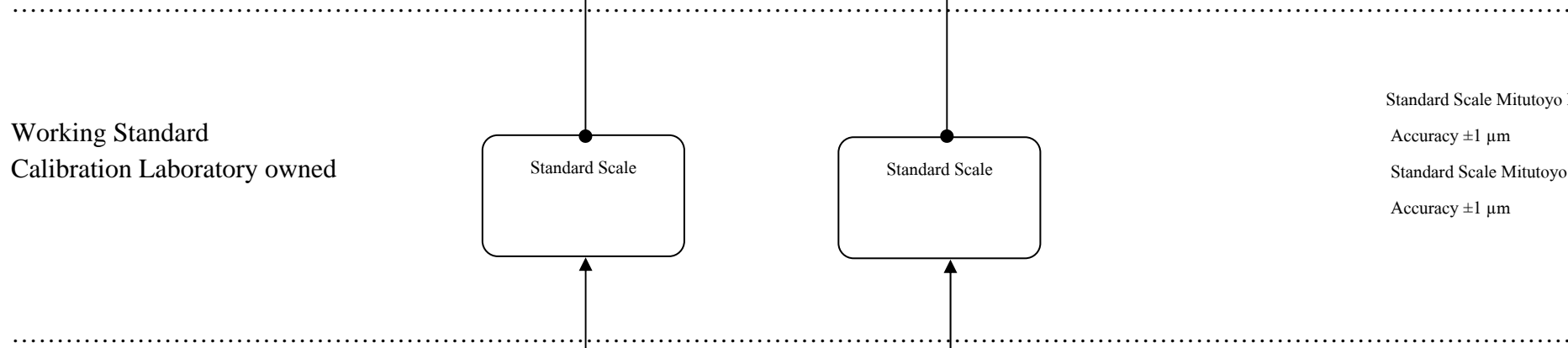
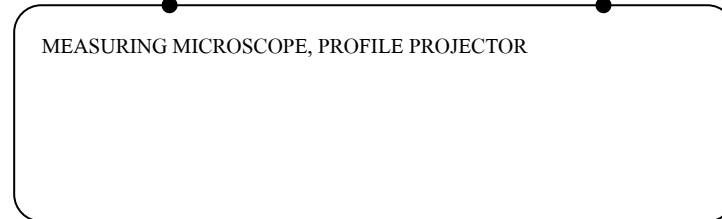


Working Standard  
Calibration Laboratory owned



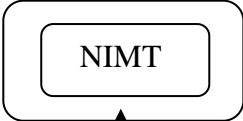
Standard Scale Mitutoyo Model PV600  
Accuracy  $\pm 1 \mu\text{m}$   
Standard Scale Mitutoyo Model 172-161  
Accuracy  $\pm 1 \mu\text{m}$

Dimension Instrument

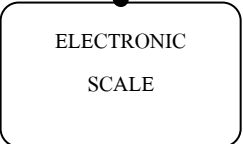


# Dimension Laboratory Traceability Chart

National Metrology  
Institute



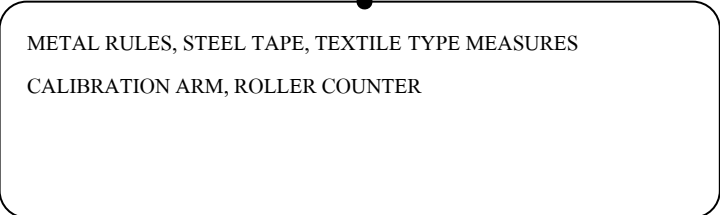
Working Standard  
Calibration Laboratory owned



Electronic Scale Mitutoyo Model AT102-2000  
Accuracy  $\pm 0.5\text{mm}$

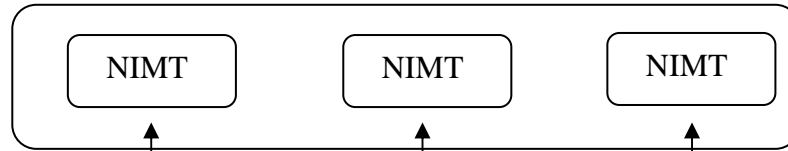


Dimension Instrument

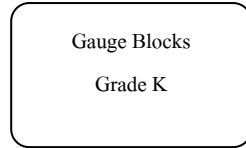


# Dimension Laboratory Traceability Chart

National Metrology  
Institute

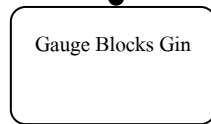


Reference Standards  
Calibration Laboratory owned

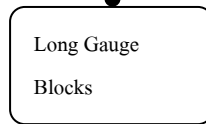


Gauge Blocks Grade K  
Model S65111642

Working Standard  
Calibration Laboratory owned



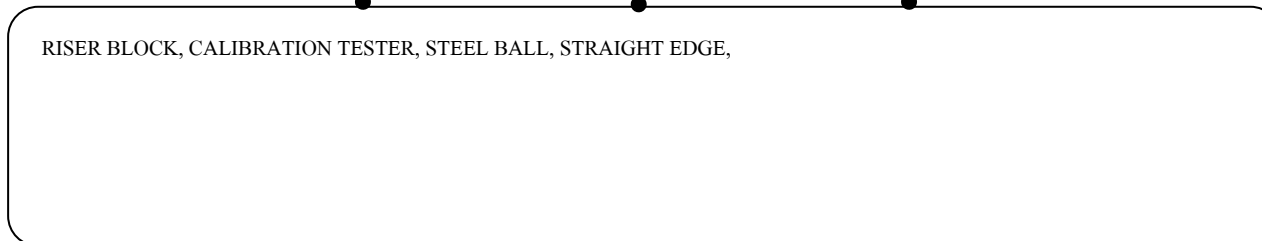
Gauge Blocks Gin  
Accuracy Grade 0



Long Gauge Blocks  
Mitutoyo Model 516-702-02 Grade 0  
Digital Length Heidenhain  
Accuracy  $\pm 0.3 \mu\text{m}$



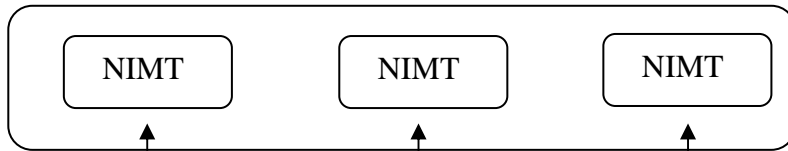
Dimension Instrument



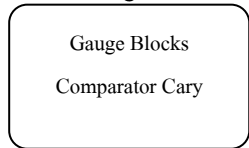


# Dimension Laboratory Traceability Chart

National Metrology  
Institute

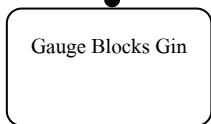


Reference Standards  
Calibration Laboratory owned



Gauge Blocks Grade K  
Model S65111642

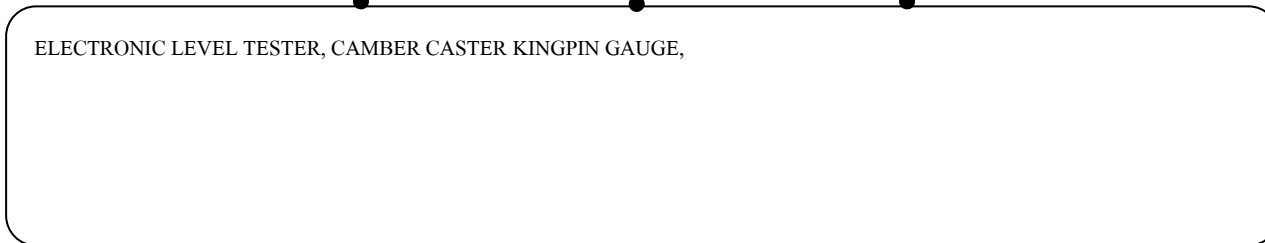
Working Standard  
Calibration Laboratory owned



Gauge Blocks Gin  
Accuracy Grade 0

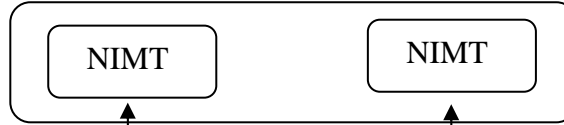
Sine bar  
TESA Model Accuracy  $\pm 4 \mu\text{m}$   
Digital Length Heidenhain  
Accuracy  $\pm 0.3 \mu\text{m}$

Dimension Instrument

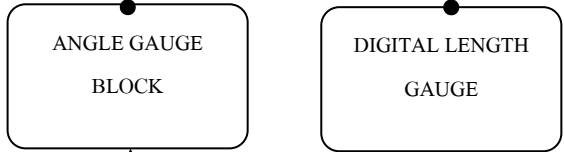


# Dimension Laboratory Traceability Chart

National Metrology  
Institute



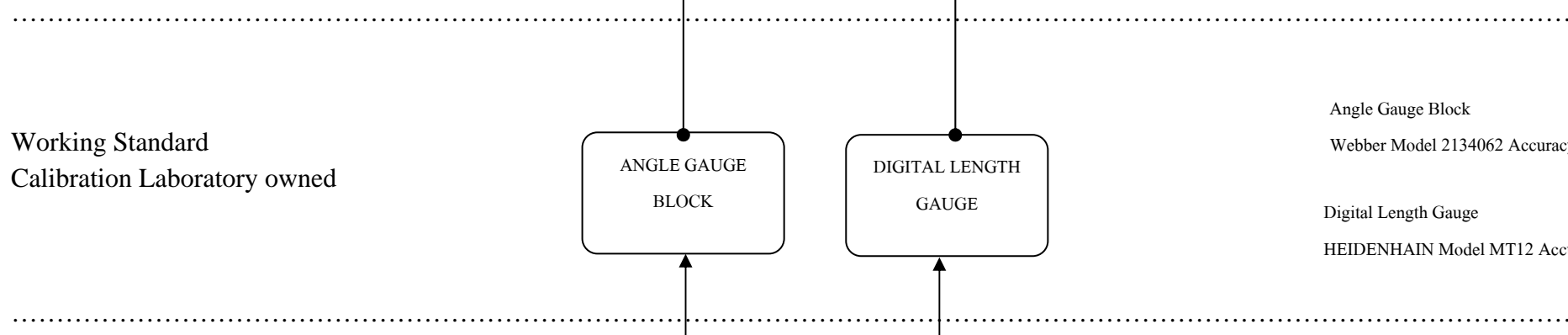
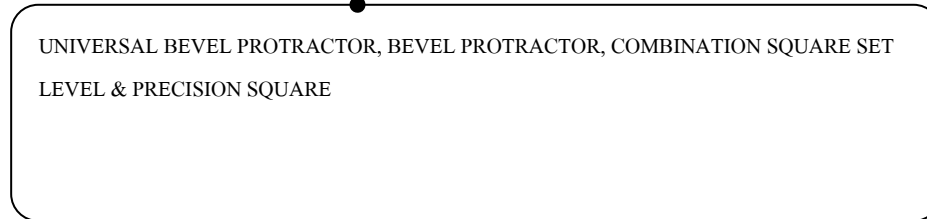
Working Standard  
Calibration Laboratory owned



Angle Gauge Block  
Webber Model 2134062 Accuracy  $\pm 2''$

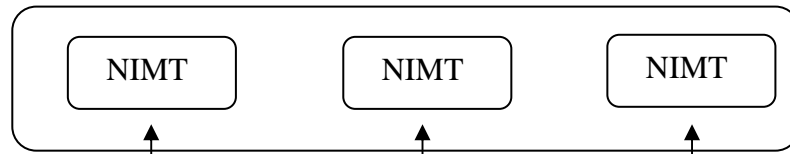
Digital Length Gauge  
HEIDENHAIN Model MT12 Accuracy  $\pm 0.3 \mu\text{m}$

Dimension Instrument

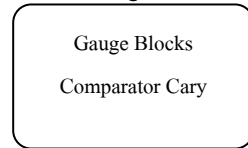


# Dimension Laboratory Traceability Chart

National Metrology  
Institute

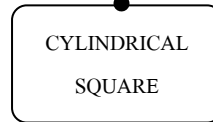
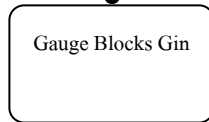


Reference Standards  
Calibration Laboratory owned



Gauge Blocks Grade K  
Model S65111642

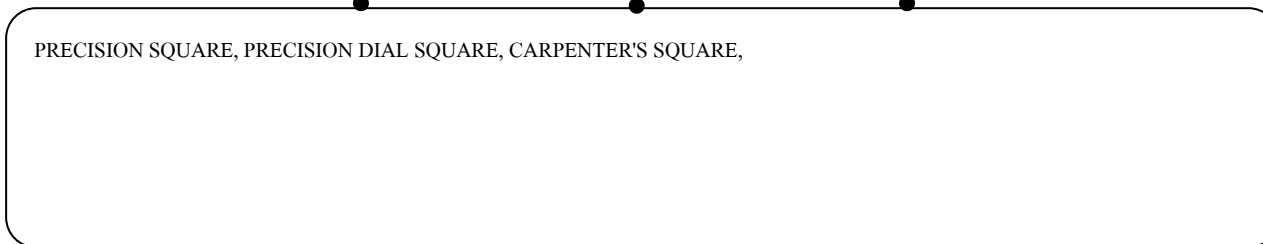
Working Standard  
Calibration Laboratory owned



Gauge Blocks Gin  
Accuracy Grade 0

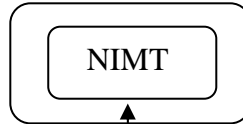
Cylindrical Square Vertex  
Model 516-702-02 Accuracy  $\pm 3 \mu\text{m}$   
Digital Length Heidenhain  
Accuracy  $\pm 0.3 \text{ m}$

Dimension Instrument

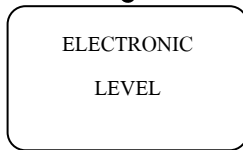


# Dimension Laboratory Traceability Chart

National Metrology  
Institute

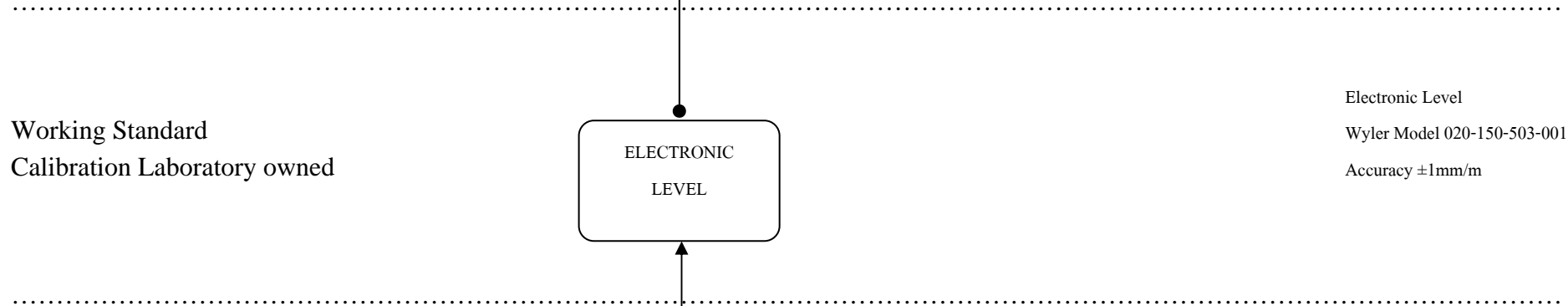
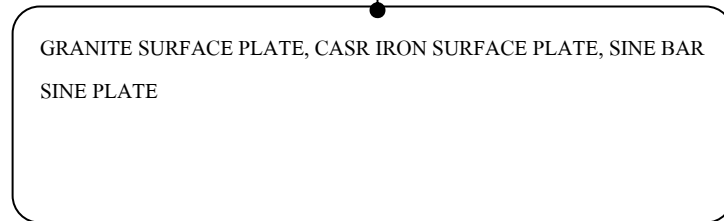


Working Standard  
Calibration Laboratory owned



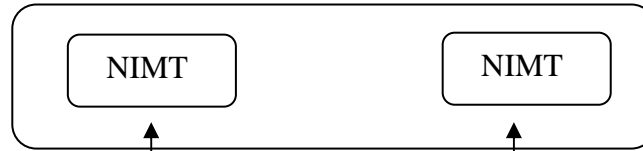
Electronic Level  
Wylter Model 020-150-503-001  
Accuracy  $\pm 1\text{mm/m}$

Dimension Instrument

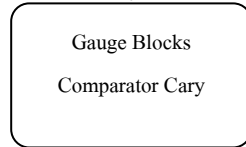


# Dimension Laboratory Traceability Chart

National Metrology  
Institute

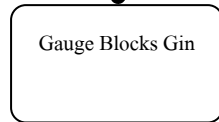


Reference Standards  
Calibration Laboratory owned



Gauge Blocks Grade K  
Model S65111642

Working Standard  
Calibration Laboratory owned

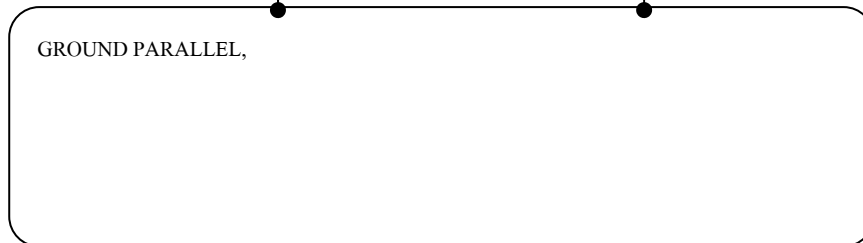


Gauge Blocks Gin  
Accuracy Grade 0



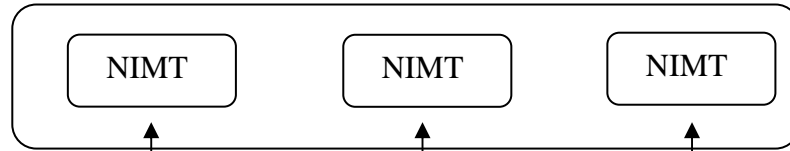
Digital Length Gauge Heidenhain  
Model MT12 Accuracy  $\pm 0,3 \mu\text{m}$

Dimension Instrument

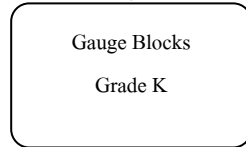


# Dimension Laboratory Traceability Chart

National Metrology  
Institute

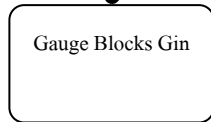


Reference Standards  
Calibration Laboratory owned



Gauge Blocks Grade K  
Model S65111642

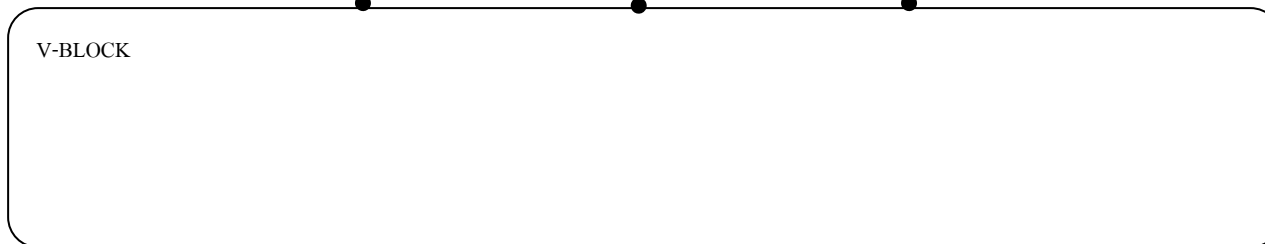
Working Standard  
Calibration Laboratory owned



Gauge Blocks Gin  
Accuracy Grade 0

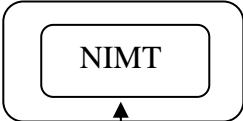
Angle Gauge Block  
Webber Model2134062 ±2"  
Digital Length Heidenhain  
Accuracy ± 0.3 μm

Dimension Instrument

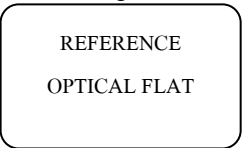


# Dimension Laboratory Traceability Chart

National Metrology  
Institute



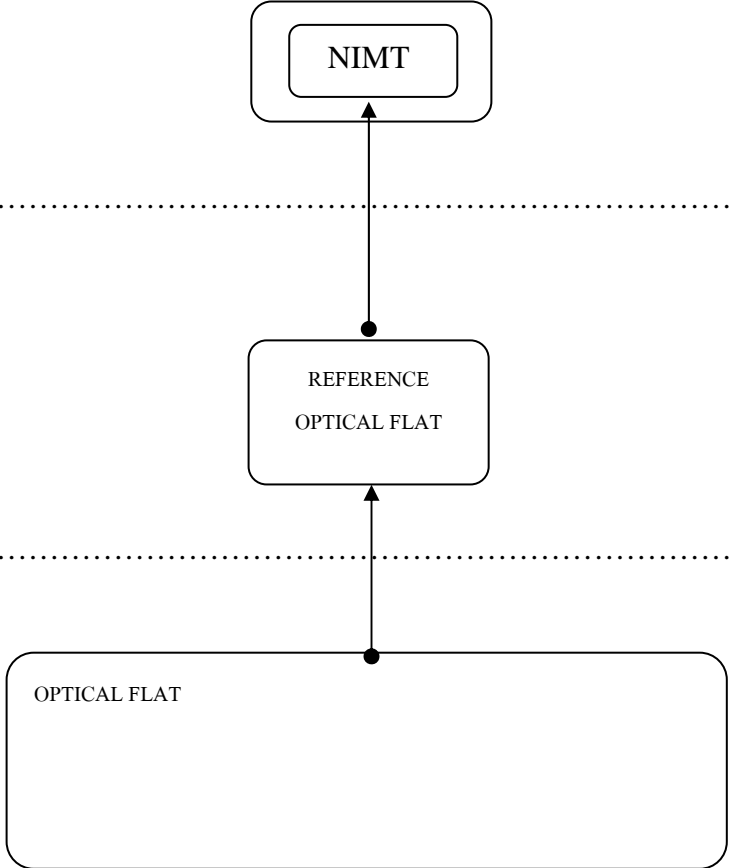
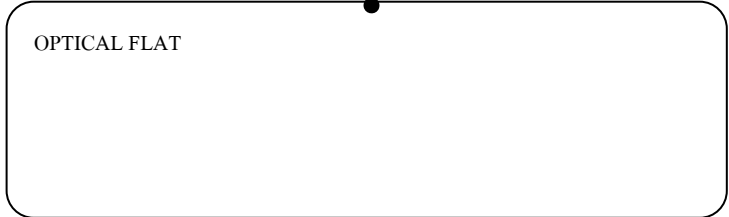
Working Standard  
Calibration Laboratory owned



Reference Optical Flat  
VAN KEUREN Model 3"x11/16"SSR  
Accuracy  $\pm 0.04\mu\text{m}$

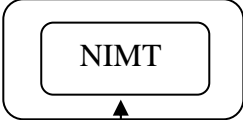


Dimension Instrument



# Dimension Laboratory Traceability Chart

National Metrology  
Institute



Working Standard  
Calibration Laboratory owned



Ring Gauge CLC Model 2-150mm  
Accuracy  $\pm 1\mu\text{m}$



Dimension Instrument

