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**Wortley Standards Ltd.**

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# Calibration Price List 2011

**Wortley Standards Ltd.**

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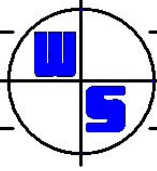


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## **Price List 2011**

All calibration charges are inclusive of certification, cleaning, adjustments and minor repairs. Should major repairs be necessary, customer clearance will be sought prior to commencement.

All prices are exclusive of VAT.

We offer a local, free of charge collection & delivery service. Alternatively small items can be posted to us and we'll post them back at cost. Please feel free to give us a call to see if we're passing before posting an item.

**If you require any further information or advice with regard to measuring instruments, please call us, we'll be delighted to talk to you.**

### 48 Hr Quick Turnaround Service

Very urgent items can usually be processed within 48 hours, however a small surcharge may be applicable.

### On Site Calibration

We are able to calibrate large or fixed measuring instruments on site if necessary, please call for a quote.

## UKAS Accreditation

We are accredited by UKAS as competent to perform calibration on a range of dimensional instruments, please see our website [www.wortleystandards.co.uk](http://www.wortleystandards.co.uk) for details of our current schedule of accreditation. Occasionally, we may need to sub-contract some of our UKAS workload to another UKAS Laboratory (approved by us). In such instances we would always seek customer approval first. We also offer fully traceable calibration to national standards on a wide range of other instruments and we will advise you of the certificate type prior to calibration.

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Micrometers (external fixed anvil)

0-25mm to 50-75mm / 0-1" to 2-3"	£9.35
75-100mm to 125-150mm / 3-4" to 5-6"	£10.47
150-175mm to 200-225mm / 6-7" to 8-9"	£13.43
225-250mm to 275-300mm / 9-10" to 11-12"	£14.33
300-325mm to 350-375mm / 12-13" to 14-15"	£19.59
375-400mm to 425-450mm / 15-16" to 17-18"	£20.82
450-475mm to 500-525mm / 18-19" to 20-21"	£24.45
525-550mm / 21-22"	£28.10
550-575mm / 22-23"	£31.30
575-600mm / 23-24"	£37.52
above 600mm / above 24"	£POA

Digital External Micrometers - electronic (met/imp)

0-25mm / 0-1"	£14.07
25-50mm / 1-2"	£14.16
50-75mm / 2-3"	£15.28
75-100mm / 3-4"	£16.40
100-125mm to 150-175mm / 4-5" to 6-7"	£17.51
175-200mm & 200-225mm / 7-8" to 8-9"	£18.63

Digital External Micrometers - mechanical

0-25mm & 25-50mm	£12.26
50-75mm to 100-125mm	£13.32
125-150mm	£14.39

Fixed "V" Anvil Outside Micrometers

0-25mm or 0-1"	£17.91
25-50mm or 1-2"	£19.70
50-75mm or 2-3"	£21.54
75-100mm or 3-4"	£24.00

## Micrometers (external adjustable anvil with setting standards)

0-50mm / 0-2"	(2 anvils & 1 set. std.)	£23.85
0-100mm / 0-4"	(4 anvils & 3 set. std's.)	£41.02
50-150mm / 2-6"	(4 anvils & 4 set. std's.)	£50.14
100-200mm / 4-8"	(4 anvils & 4 set. std's.)	£51.93
150-250mm / 6-10"	(4 anvils & 4 set. std's.)	£55.63
200-300mm / 8-12"	(4 anvils & 4 set. std's.)	£55.63
225-300mm / 9-12"	(3 anvils & 3 set. std's.)	£49.47
300-400mm / 12-16"	(4 anvils & 4 set. std's.)	£62.40
400-500mm / 16-20"	(4 anvils & 4 set. std's.)	£66.03
500-600mm / 20-24"	(4 anvils & 4 set. std's.)	£67.87
0-150mm / 0-6"	(6 anvils & 5 set. std's.)	£69.12
150-300mm / 6-12"	(6 anvils & 6 set. std's.)	£70.29
300-450mm / 12-18"	(6 anvils & 6 set. std's.)	£83.16
450-600mm / 18-24"	(6 anvils & 6 set. std's.)	£86.80
600-750mm / 24-30"	(6 anvils & 6 set. std's.)	£105.70
750-900mm / 30-36"	(6 anvils & 6 set. std's.)	£119.20

*Note;* Prices include calibration of setting standards and resetting of anvils to within specification. Prices for larger sizes available on request.

## Micrometer Setting Standards

25mm - 150mm or 1 - 6"	£9.09
175mm - 300mm or 7 - 12"	£10.92
325mm - 450mm or 13 - 18"	£12.28
475mm - 725mm or 19 - 29"	£14.37
750mm - 1000mm or 30 - 39"	£16.51

## Bore Micrometers

up to 50mm or 2"	£16.20
50mm - 100mm or 2 - 4"	£18.55
100mm - 150mm or 4 - 6"	£20.64
150mm - 200mm or 6 - 8"	£25.60
200mm - 250mm or 8 - 10"	£27.50
250mm - 300mm or 10 - 12"	£30.89

### Internal Micrometers – two point contact

5 – 30mm	£16.23
25 – 55mm / 1-2"	£19.03
50 – 75mm / 2-3"	£21.83
50 – 210mm / 2-8"	£30.34
50 – 310mm / 2-12"	£45.05
200 – 825mm / 8-32"	£42.30
additional extensions – each	£2.75

### Depth Micrometers

0 – 25mm / 0 - 1"	£10.13
0 - 75mm / 0 - 3"	£16.46
0 – 150mm / 0 - 6"	£28.87
0 - 300mm / 0 - 12"	£44.72
other combinations; micrometer inc 1 <sup>st</sup> extension	£10.13
additional extensions	£3.18

### Micrometers – other types

Cadar (Moore & Wright) Micro 2000	£16.46
precision dial micrometers (Etalon)	£20.37
tissue micrometers;	£125.50

### Bench Centres

up to 300mm or 12"	£39.50
600mm or 24"	£53.00
1000mm or 40"	£68.65

### Caliper Thread Gauges

up to 100mm or 4"	£20.60
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### Combination Sets

12" blade only	£52.10
12" & 24" blades	£74.49
protractor only	£37.10

## Comparators

electronic type – including 1 transducer £99.06

## Cylindrical Setting Standards

individual;	up to 25mm or 1"	£11.76
	25 to 50mm or 1" to 2"	£13.66
	50 to 100mm or 2" to 4"	£16.68
sets;	20 pieces	£154.50
	23 pieces	£177.65

## Dial Calipers

minor	£13.43
MPJ types	£18.35
dial thickness gauge 0.5" travel	£14.44

## Dial Depth Gauge

all types up to 150mm or 6" £16.46

## Dial Test Indicators

plunger type 0.5" / 12.7mm travel	£14.44
plunger type 1.0" / 25.4mm travel	£18.98
plunger type 2.0" / 50.8mm travel	£20.99
lever type (all sizes)	£12.81
Digimatic type 0.5" / 12.7mm travel	£22.95
Digimatic type 1.0" / 25.4mm travel	£28.55
Digimatic type 2.0" / 50.8mm travel	£36.71

## Engineers Squares

up to 150mm or 6"	£26.30
150mm – 300mm or 6 - 12"	£34.69
300mm - 450mm or 12 - 18"	£42.98
450mm - 600mm or 18 - 24"	£54.61
600mm - 900mm or 24 - 36"	£60.56
900mm - 1200mm or 36 - 48"	£65.19

Engineers Parallels      12" (pair)      £24.45

Feeler Blades all types - per blade      £1.79

Gap Gauges (Go/NoGo or Snap Gauges)

*non adjustable*

up to 150mm or 6"      £9.19  
150mm - 300mm or 6" - 12"      £12.05

*adjustable*

up to 150mm or 6"      £29.50  
150mm - 300mm or 6" - 12"      £29.50

Pin Gauges

individual pins      £2.97  
set of 50      £63.03  
set of 100      £101.81

Plain Parallel Plug Gauges

*single ended;*

up to 50mm or 2"      £13.61  
50mm - 100mm or 2 - 4"      £15.39  
100mm - 150mm or 4 - 6"      £16.18  
150mm - 300mm or 6 - 12"      £18.59

*double ended;*

up to 50mm or 2"      £18.80  
50mm - 100mm or 2 - 4"      £21.04  
100mm - 150mm or 4 - 6"      £21.72  
150mm - 300mm or 6 - 12"      £24.07

Plain Ring Gauges

1 - 12mm / 0.040 - 0.5"      £17.68  
12 - 50mm / 0.5 - 2"      £18.93  
50 - 100mm / 2 - 4"      £19.70  
100 - 150mm / 4 - 6"      £21.38  
150 - 250mm / 6 - 10"      £24.07

## Pressure Gauges

Bourdon – 10 – 16,000 PSI	£33.18
Standard Test – bar lb/in <sup>2</sup> (10" dia.)	£63.24

## Rules – Steel – engineers pattern

150mm or 6"	£26.75
300mm or 12"	£30.22
600mm or 24"	£38.39
1000mm or 39"	£51.21
2000mm or 84"	£72.19

## Screw Plug Gauges - *parallel – major and effective diameters*

*single ended;*

up to 50mm or 2"	£11.14
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*double ended; - as above*

up to 50mm or 2"	£16.73
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## Screw Ring Gauges - *parallel – major and effective diameters*

3mm up to 50mm or 6BA up to 2"	£19.25
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## Slip Gauges – Gauge Blocks

8 piece set (M8 & E8)	£43.20
9 piece set (M9 & E9)	£51.15
10 piece set (M10 & E10)	£52.88
11 piece set (M11 & E11)	£55.63
27 piece set (E27)	£63.91
35 piece set (E35)	£70.18
41 piece set (E41)	£77.79
49 piece set (E49)	£81.98
68 piece set (E68)	£110.25
81 piece set (E81)	£125.02
87 piece set (M87)	£139.06
88 piece set (M88)	£139.06
Single gauge block	£14.55

### Spirit Levels

Engineers – 0.0005"	£27.54
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### Straight Edges

300mm or 12"	£27.31
450mm or 18"	£32.68
600mm or 24"	£37.83
900mm or 36"	£40.51
1200mm or 48"	£44.27
1500mm or 60"	£50.59
1800mm or 72"	£57.64

### Torque Wrenches

up to 300 lbf/ft or 400 Nm	£32.80
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### Tapes - steel

2.0m or 6ft	£27.99
3.0m or 10ft	£37.20
3.5m or 12ft	£38.27
5.0m or 16ft	£41.04
7.5m or 25ft	£46.04
8.0m or 26ft	£47.11
10.0m or 33ft	£56.82
15.0m or 50ft	£59.96
20.0m or 66ft	£62.99
30.0m or 100ft	£69.71
50.0m or 165ft	£80.96
100.0m or 328ft	£134.30

### Vernier / Digital Calipers

150mm or 6"	£20.79
200mm or 8"	£23.85
300mm or 12"	£26.75
450mm or 18"	£32.01
500mm or 20"	£33.58
600mm or 24"	£37.20
750mm or 30"	£42.23
900mm or 36"	£47.23
1000mm or 40"	£56.63
1200mm or 48"	£75.44
1500mm or 60"	£94.29

### Vernier Bench / Linear Scale

(on-site) up to 3 metre - £POA

### Vernier Bevel Protractors

with 150mm or 6" blade	£30.22
with 300mm or 12" blade	£32.62
6 & 12" blade	£40.73

### Vernier Depth Gauges – including electronic and dial types

150mm or 6"	£16.91
200mm or 8"	£23.40
300mm or 12"	£26.75
450mm or 18"	£30.22

### Vernier Height Gauges – including electronic and dial types

300mm or 12"	£28.55
450mm or 18"	£34.86
600mm or 24"	£39.62
900mm or 36"	£45.21
1000mm or 40"	£50.64

## Other Instruments

electronic digital temperature indicator	£45.55
thermocouple probe for above	£20.15
surface finish instruments (surtronic types)	£49.24
thermocouples – type K	£19.36

If you can't see your item listed then please give us a call as we may be able to calibrate your instrument anyway and if not, we'll probably be able to tell you who can.

All list prices are for single instruments - competitive discounts are available for routine & contract calibration services – please give us a call.

