

If you're installing either of the USB scales below with a **SendPro CX or C device**:



USB Scale with
Attached Display

OR



USB Scale with
Remote Display



1. **First, start SendPro CX device setup** by following the enclosed SendPro CX instructions.
2. During SendPro CX setup, follow the onscreen prompts to install the scale.

Otherwise:

1. On the SendPro CX or C screen, tap the settings icon on the top right of the tool bar.
2. Select USB scale from the scale installation guides section and follow the onscreen prompts to install it.

MP82 Scale

Geo Codes Table
& Scale Metrological Seal Installation Instructions

Geo Codes



The “Geo Code” request occurs only during the initial setup. For states / providences that have multiple listings, choose the location that is closest to you. The Geo code within an area is based on latitude and is segmented between north and south directions only. Locations near a boundary can chose either code.

- To select a code, use the navigation keypad:
- Press < or > arrows to scroll through codes. Numbers will repeat.
- Press ∨ arrow to highlight Exit
- Press center Enter icon. The scale will reboot.

Geo Location Codes for Canada					
Providence	Code	Providence	Code	Providence	Code
Alberta		Newfoundland		Prince Edward Island	
Calgary	19	Com by Chancee	19	Charlottetown	19
Edmonton	21	St. John's	19	Quebec	
British Columbia		Nova Scotia		Charlesbourg	19
Vancouver	20	Halifax	18	Montreal	18
Victoria	19	Ontario		Trois Rivieres	19
Prince Rupert	22	Ottawa	18	Ville de Quebec	19
Manitoba		Sudbury	18	Saskatchewan	
Moose Jaw	20	Thunder Bay	20	Regina	20
Winnipeg	20	Toronto	17	Saskatoon	21
New Brunswick		Windsor	16		
Moncton	19				
Saint - John	18				

Geo Location Codes for United States					
StateC	odeS	tate	Code	StateC	ode
Alabama		Indiana		North Carolina	
Birmingham & North	13	North of Indianapolis	16	Raleigh & North	14
South of Birmingham	12	Indianapolis & South	15	South of Raleigh	13
Alaska		Iowa		North Dakota	18
Anchorage & South	23	North of Des Moines	17	Ohio	
Anchorage – Kotzebue	26	Des Moines & South	16	Akron & North	16
North of Kotzebue	27	Kansas	14	South of Akron	15
Arizona		Kentucky	14	Oklahoma	13
Phoenix & North	12	Louisiana	12	Oregon	
South of Phoenix	11	Maine	18	Salem & North	18
Arkansas	13	Maryland	15	Salem - Oakridge	17
California		Massachusetts	17	South of Oakridge	16
North of Chico	16	Michigan		Pennsylvania	16
Chico – San Francisco	15	NW of Lake Michigan	18	Rhode Island	16
San Fran. - Bakersfield	14	SE of Lake Michigan	17	South Carolina	13
South of Bakersfield	13	Minnesota	18	South Dakota	17
Colorado		Mississippi		Tennessee	13
Denver & North	13	Kosciusko & North	13		
South of Denver	12	South of Kosciusko	12		

Geo Location Codes for United States					
StateC	odeS	tate	Code	StateC	ode
Connecticut	16	Missouri		Texas	
Delaware	15	North of Springfield	15	NE of Colorado River	12
Florida		Springfield & South	14	SW of Colorado River	11
West Palm Beach & North	11	Montana		Utah	13
South of West Palm Beach	10	Helena & North	18	Vermont	17
Georgia	12	South of Helena	17	Virginia	14
Hawaii	9	Nebraska	15	Washington, DC	15
Idaho		Nevada	13	Washington State	18
North of Salmon River Mt.	17	New Hampshire	17	West Virginia	15
South of Salmon River Mt.	16	New Jersey	16	Wisconsin	
Illinois		New Mexico	11	Green Bay & North	18
Bloomington & North	16	New York		South of Green Bay	17
South of Bloomington	15	Albany & North	17	Wyoming	
		South of Albany	16	North of Casper	15
				Casper & South	14

GEO Codes by Latitude and Altitude

The table below designates the specific geocode for the 'point of use' city, based on its latitude and altitude. An internet search can be done to determine the city's latitude and altitude. For example, the web site below is one of several that calculates the latitude and altitude of a city:

www.mapcoordinates.net

Latitude North or South, in Degrees and Minutes	Height Above Sea Level, in Meters											
	0	325	650	975	1300	1625	1950	2275	2600	2925	3250	
	325	650	975	1300	1625	1950	2275	2600	2925	3250	3575	
	Height Above Sea Level, in Feet											
	0	1060	2130	3200	4260	5330	6400	7460	8530	9600	10660	
	1060	2130	3200	4260	5330	6400	7460	8530	9600	10660	11730	
0° 0' 5° 46'	5	4	4	3	3	2	2	1	1	0	0	
5° 46' 9° 52'	5	5	4	4	3	3	2	2	1	1	0	
9° 52' 12° 44'	6	5	5	4	4	3	3	2	2	1	1	
12° 44' 15° 6'	6	6	5	5	4	4	3	3	2	2	1	
15° 6' 17° 0'	7	6	6	5	5	4	4	3	3	2	2	
17° 0' 19° 2'	7	7	6	6	5	5	4	4	3	3	2	
19° 2' 20° 45'	8	7	7	6	6	5	5	4	4	3	3	
20° 45' 22° 22'	8	8	7	7	6	6	5	5	4	4	3	
22° 22' 23° 54'	9	8	8	7	7	6	6	5	5	4	4	
23° 54' 25° 21'	9	9	8	8	7	7	6	6	5	5	4	
25° 21' 26° 45'	10	9	9	8	8	7	7	6	6	5	5	
26° 45' 28° 6'	10	10	9	9	8	8	7	7	6	6	5	
28° 6' 29° 25'	11	10	10	9	9	8	8	7	7	6	6	
29° 25' 30° 41'	11	11	10	10	9	9	8	8	7	7	6	

Latitude North or South, in Degrees and Minutes	Height Above Sea Level, in Meters										
	0	325	650	975	1300	1625	1950	2275	2600	2925	3250
	325	650	975	1300	1625	1950	2275	2600	2925	3250	3575
	Height Above Sea Level, in Feet										
	0	1060	2130	3200	4260	5330	6400	7460	8530	9600	10660
	1060	2130	3200	4260	5330	6400	7460	8530	9600	10660	11730
30; 41' 31; 56'	12	11	11	10	10	9	9	8	8	7	7
31; 56' 33; 9'	12	12	11	11	10	10	9	9	8	8	7
33; 9' 34; 21'	13	12	12	11	11	10	10	9	9	8	8
34; 21' 35; 31'	13	13	12	12	11	11	10	10	9	9	8
35; 31' 36; 41'	14	13	13	12	12	11	11	10	10	9	9
36; 41' 37; 50'	14	14	13	13	12	12	11	11	10	10	9
37; 50' 38; 58'	15	14	14	13	13	12	12	11	11	10	10
38; 58' 39; 5'	15	15	14	14	13	13	12	12	11	11	10
40; 5' 41; 12'	16	15	15	14	14	13	13	12	12	11	11
41; 12' 42; 19'	16	16	15	15	14	14	13	13	12	12	11
42; 19' 43; 26'	17	16	16	15	15	14	14	13	13	12	12
43; 26' 44; 32'	17	17	16	16	15	15	14	14	13	13	12
44; 32' 45; 38'	18	17	17	16	16	15	15	14	14	13	13
45; 38' 46; 45'	18	18	17	17	16	16	15	15	14	14	13
46; 45' 47; 51'	19	18	18	17	17	16	16	15	15	14	14
47; 51' 48; 58'	19	19	18	18	17	17	16	16	15	15	14
48; 58' 49; 6'	20	19	19	18	18	17	17	16	16	15	15
50; 6' 51; 13'	20	20	19	19	18	18	17	17	16	16	15
51; 13' 52; 22'	21	20	20	19	19	18	18	17	17	16	16

Latitude North or South, in Degrees and Minutes	Height Above Sea Level, in Meters											
	0	325	650	975	1300	1625	1950	2275	2600	2925	3250	
	325	650	975	1300	1625	1950	2275	2600	2925	3250	3575	
	Height Above Sea Level, in Feet											
	0	1060	2130	3200	4260	5330	6400	7460	8530	9600	10660	
	1060	2130	3200	4260	5330	6400	7460	8530	9600	10660	11730	
52; 22'N	21	21	20	20	19	19	18	18	17	17	16	
53; 31'N	22	21	21	20	20	19	19	18	18	17	17	
54; 41'N	22	22	21	21	20	20	19	19	18	18	17	
55; 52'N	23	22	22	21	21	20	20	19	19	18	18	
57; 4'N	23	23	22	22	21	21	20	20	19	19	18	
58; 17'N	24	23	23	22	22	21	21	20	20	19	19	
59; 32'N	24	24	23	23	22	22	21	21	20	20	19	
60; 49'N	25	24	24	23	23	22	22	21	21	20	20	
62; 9'N	25	25	24	24	23	23	22	22	21	21	20	
63; 30'N	26	25	25	24	24	23	23	22	22	21	21	
64; 55'N	26	26	25	25	24	24	23	23	22	22	21	
66; 24'N	27	26	26	25	25	24	24	23	23	22	22	
67; 57'N	27	27	26	26	25	25	24	24	23	23	22	
69; 5'N	28	27	27	26	26	25	25	24	24	23	23	
71; 21'N	28	28	27	27	26	26	25	25	24	24	23	
73; 16'N	29	28	28	27	27	26	26	25	25	24	24	
75; 24'N	29	29	28	28	27	27	26	26	25	25	24	
77; 52'N	30	29	29	28	28	27	27	26	26	25	25	
80; 56'N	30	30	29	29	28	28	27	27	26	26	25	
85; 45'N	31	30	30	29	29	28	28	27	27	26	26	

Safety Precautions



CAUTION: This equipment is intended to be used with limited power circuits with SELV and non-hazardous energy outputs. Pitney Bowes equipment complies with this requirement.

- Do not disassemble the scale.
- Do not place lighted candles, cigarettes, cigars, etc., on the scale.
- Use the equipment only for its intended purpose.

MP82 Scale Metrological Seal Installation Instructions

Note: These instructions only apply to Weights and Measures resources.

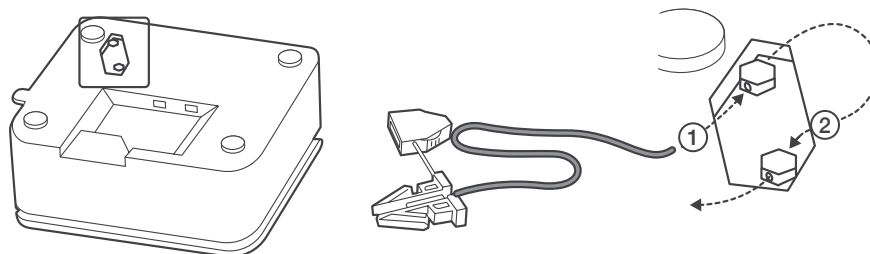


Before placing your scale into retail operation:

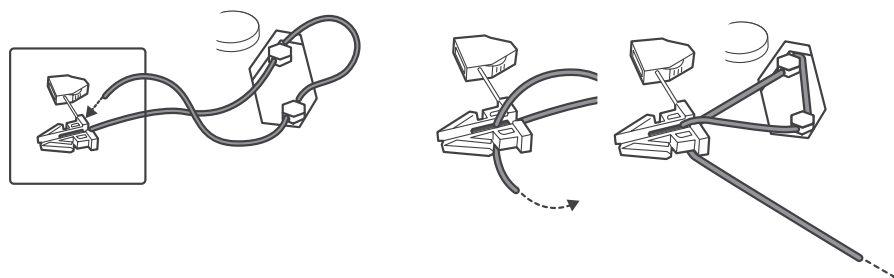
1. Contact Weights and Measures office for additional requirements and certifications.
2. If you have other questions, please go to: www.pitneybowes.com/support

If a wire seal is required for W & M requirements, the scale can be sealed after calibration and setup by installing a wire seal on the Main PCB access cover per the instructions below.

1. Install the wire through the hole in the first hex screw and through the hole in the second secure hex screw of the circuit board access cover.



2. Route the end of the wire seal through the hole in the middle of the plastic cap and pull the excess cable through the seal to make a loop short as possible.



Bend the cap over the top and route it down through the base of the seal.



3. Install locking mechanism over wires and trim excess wire. When secured, approval labels can be applied.

