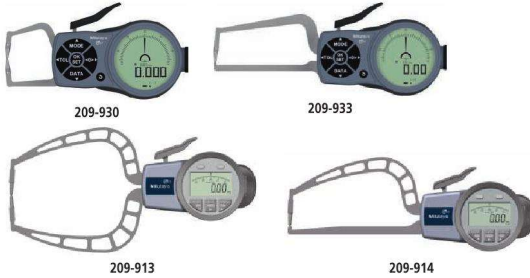


External Digimatic Caliper Gauges

Series 209

- Digital Caliper Gauge enables measurements in hard-to-reach places
- Excellent resistance against water and dust IP67 level



Metric/Inch Bevel radius 0,75 / carbide ball \varnothing 3 mm + bevel radius 0,75 (209-958)

No.	Range [mm]	Digital step	Accuracy	Type	Measuring force [N]	Mass [g]	Hb [mm]	Hf [mm]	L [mm]
209-957	0 - 50	0,02 mm	0,05 mm	Fig. 5	0,8-1,7	490	30	30	167
209-958	0 - 50	0,02 mm	0,05 mm	Fig. 6	0,8-1,7	460	30	4,3	169

Metric/Inch Measuring contacts: carbide ball \varnothing 1,5 mm

No.	Range [mm]	Digital step	Graduation [mm]	Accuracy	Type	Measuring force [N]	Mass [g]	Hb [mm]	Hf [mm]	L [mm]
209-930	0 - 10	0,005 mm	0,005	0,015 mm	Fig. 1	0,8-1,2	240	19,1	18,6	36
209-932	0 - 20	0,01 mm	0,01	0,03 mm	Fig. 1	1,1-1,6	270	24,7	24,6	81
209-933	0 - 20	0,01 mm	0,01	0,03 mm	Fig. 2	1,1-1,6	430	24,7	2,5	86
209-943	0 - 10	0,005 mm		0,015 mm	Fig. 2	0,8-1,2	255	19,1	0	36

Metric/Inch Measuring contacts: carbide ball \varnothing 3 mm

No.	Range [mm]	Digital step	Graduation [mm]	Accuracy	Type	Measuring force [N]	Mass [g]	Hb [mm]	Hf [mm]	L [mm]
209-951	0 - 30	0,01 mm	0,01	0,04 mm	Fig. 1	0,9-1,6	430	30	30	114
209-952	0 - 30	0,01 mm	0,01	0,04 mm	Fig. 2	0,9-1,6	410	30	4	116
209-954	0 - 50	0,01 mm	0,01	0,05 mm	Fig. 1	0,8-1,7	490	30	30	167
209-955	0 - 50	0,01 mm	0,01	0,05 mm	Fig. 2	0,8-1,7	460	30	4,3	169

Metric/Inch Measuring contacts: disk measuring faces \varnothing 10 mm

No.	Range [mm]	Digital step	Graduation [mm]	Accuracy	Type	Measuring force [N]	Mass [g]	Hb [mm]	Hf [mm]	L [mm]
209-931	0 - 10	0,005 mm	0,005	0,02 mm	Fig. 3	0,8-1,2	245	21,7	14,8	36

Metric/Inch Measuring contacts: disk measuring faces \varnothing 50 mm

No.	Range [mm]	Digital step	Graduation [mm]	Accuracy	Type	Measuring force [N]	Mass [g]	Hb [mm]	Hf [mm]	L [mm]
209-953	0 - 30	0,02 mm	0,02	0,04 mm	Fig. 4	0,9-1,6	430	36	24	116
209-956	0 - 50	0,02 mm	0,02	0,08 mm	Fig. 4	0,8-1,7	500	36	24	167



Figure 1



Figure 2



Figure 3

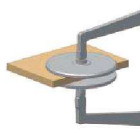


Figure 4



Figure 5



Figure 6

Functions	Series 209
Counting direction switchable	<input checked="" type="checkbox"/>

Optional accessories

No.	Description
011551	Digimatic Interface Series 209, Digital Caliper Gauge
937387	Digimatic Cable, Round 6-Pin Type, 1m
965013	Digimatic Cable, Round 6-Pin Type, 2m
06AFM380E	USB Input Tool Direct (Digimatic USB), Digi/Digi2, Round 6-Pin Type
02AZD880G	U-WAVE-T, Buzzer Type, Wireless Transmitter
02AZD730G	U-WAVE-T, IP67 Type, Wireless Transmitter
02AZD790E	U-WAVE-T Connection Cable E, Round 6-Pin Type
63AAA437	Holder for Digital Caliper Gauge, for 209-901 up to 209-924
63AAA438	Holder for Digital Caliper Gauge, for 209-930 up to 209-958

Consumable spares

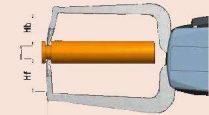
No.	Description
011511-1	Battery LR03 (AAA), 4x



209-931



209-915



L=Maximum reach of contact arms over workpiece
Hb=Maximum penetration depth of upper contact
Hf=Maximum penetration depth of lower contact