

MINI DIGITAL PROTRACTOR **DPM-2**

The world's first compact digital protractor for the exclusive use of sheet metal bending



Displays real-time bend angle and relative measurement

■ Features

- Two measurement modes for precision bending
 - Bending mode for the bending operation and Reference mode as a regular angle meter
- Alternate reference point setting (0.0°) at any angle
- Reading wait time has reduced to 3 seconds (vs 10 sec.)
- Automatic digit inversion for overhead measurements
- Stores the last reading and mode after power-off
- Powerful magnetic base for attachment flexibility

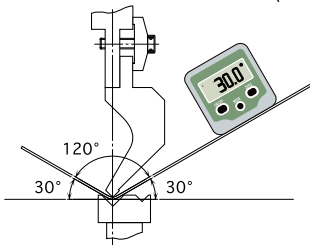
Bend angle mode 180° x 2 α (360°)

Unlike ordinal compact protractors widely used today, DPM-2 has a real-time bend angle display capability.

■ Common protractor

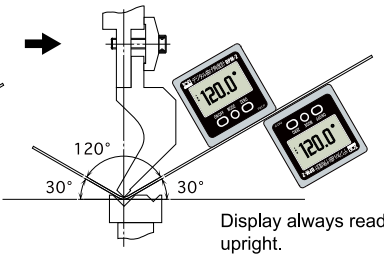
Requires simulated calculation for desired bevel angle

$$120^\circ = 180^\circ - (30^\circ + 30^\circ)$$



■ DPM-2

Real-time bend angle display

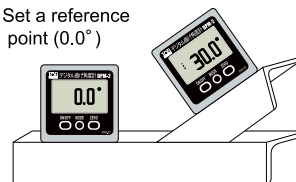


Relative measurement mode 90° x 4 (360°)

You can zero-set any position and use it as a normal protractor. Ideal for quality assurance inspection, metal fabrication, or machine tool alignment and such.

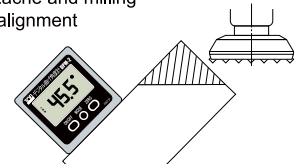
■ As a protractor

Set a reference point (0.0°)



■ Machine tool set up

Lathe and milling alignment



■ Specifications

Model name	DPM-2	
Resolution	0.1°	
Measuring range	Bend angle mode	180° x 2 α (360°)
	Reference mode	90° x 4 (360°)
Accuracy (repeatability)	Bend angle mode	0° ± 5' · 180° ± 5' = ± 0.2° (± 12' · ± 3.5mm/m) other angles: ± 0.4° (± 24' · ± 7mm/m)
	Reference mode	0° ± 5' · 90° ± 5' = ± 0.1° (± 6' · ± 1.75mm/m) other angles: ± 0.2° (± 12' · ± 3.5mm/m)
Dimension weight/material	57L x 57H x 29W(mm) 220g / aluminum alloy plating	
Temperature range	0°C-40°C	
Protection level	IP50	
Power supply	9V alkaline battery (1 pc., battery life: about 70 hours in continuous service)	
Auto power off	After 5 minutes	
Magnets	Neodymium disk magnets (10 φ : 2kg of pull force, 3 pcs.)	



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