

# Preparation unit—Accessories

## GS、GF、GU、GP、GV Series pressure gauge

### Symbol



### Product feature

1. It has sensitive reaction and can work under low pressure.
2. The displayed words in the dial are clear and there are several pressure units to be selected.
3. There are several installation ways and installing accessories to be selected.
4. Various dimensions of screw thread are available.

### Specification

| Model                                        |   | GS-30                                                                       | GS-40, GF-40, GU-40 | GS-50, GF-50, GU-50 | GF-60, GU-60 |
|----------------------------------------------|---|-----------------------------------------------------------------------------|---------------------|---------------------|--------------|
| Fluid                                        |   | Air                                                                         |                     |                     |              |
| Port size                                    |   | 1/16"                                                                       | 1/8"                | 1/4"                | 1/4"         |
| Temperature range                            |   | -40~70℃                                                                     |                     |                     |              |
| Accuracy grade                               |   | 2.5                                                                         |                     |                     |              |
| The pressure range of units and instructions | M | 0~1.0MPa(Standard type); 0~0.4MPa(Lower pressure type)                      |                     |                     |              |
|                                              | B | 0~10 bar (Standard type); 0~4 bar (Lower pressure type)                     |                     |                     |              |
|                                              | P | 0~140psi(Standard type); 0~60psi(Lower pressure type)                       |                     |                     |              |
|                                              | Z | 0~10kgf/cm <sup>2</sup> and 0~140psi(Dual-scale display, Standard type)     |                     |                     |              |
|                                              |   | 0~4kgf/cm <sup>2</sup> and 0~60psi(Dual-scale display, Lower pressure type) |                     |                     |              |
| Material of major parts                      |   | Shell: SPCC ; Core: Brass                                                   |                     |                     |              |

| Model                                        | GP-30                                | GP-40                                                                                                               | GV-40                      |
|----------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------|
| Fluid                                        | Air                                  |                                                                                                                     |                            |
| Port size                                    | 1/8"                                 | 1/8"                                                                                                                | 1/8"                       |
| Temperature range                            | -40~70℃                              |                                                                                                                     | -20~70℃                    |
| Accuracy grade                               | 2.5                                  |                                                                                                                     |                            |
| The pressure range of units and instructions | P                                    | 0~1.0MPa&0~140psi(Standard type)<br>0~0.4MPa&0~60psi(Middle pressure type)<br>0~0.2MPa&0~30psi(Lower pressure type) | -100~0kPa<br>&<br>-14~0psi |
|                                              | G                                    | 0~1.0MPa&0~10bar(Standard type)<br>0~0.4MPa&0~4bar(Middle pressure type)<br>0~0.2MPa&0~2bar(Lower pressure type)    | -100~0kPa<br>&<br>-14~0psi |
|                                              | T                                    | 0~10bar&0~140psi(Standard type)<br>0~4bar&0~60psi(Middle pressure type)<br>0~2bar&0~30psi(Lower pressure type)      | -100~0kPa<br>&<br>-14~0psi |
| Material of major parts                      | Shell: Stainless steel ; Core: Brass |                                                                                                                     |                            |

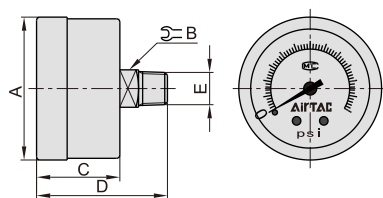
### Ordering code

| F-G S 40 10 M      |                   |                                                         |                                                  |                          |                                                                            |
|--------------------|-------------------|---------------------------------------------------------|--------------------------------------------------|--------------------------|----------------------------------------------------------------------------|
| ① Accessories code | ② Model           | ③ Mount Type Code                                       | ④ Dial diameter                                  | ⑤ Max. pressure scale    | ⑥ Scale and thread type                                                    |
| F: Accessories     | G: Pressure gauge | S: Standard Mount<br>F: Flange Mount<br>U: Pannel Mount | 30: OD 30<br>40: OD 40<br>50: OD 50<br>60: OD 60 | 04: 0.4MPa<br>10: 1.0MPa | M: MPa(PT)<br>P: psi(NPT)<br>B: bar(G)<br>Z: kgf/cm <sup>2</sup> & psi(PT) |

| F-G P 40 10 P      |                   |                                            |                        |                                        |                                                                                                          |
|--------------------|-------------------|--------------------------------------------|------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------|
| ① Accessories code | ② Model           | ③ Mount Type Code                          | ④ Dial diameter        | ⑤ Max. pressure scale                  | ⑥ Scale and thread type                                                                                  |
| F: Accessories     | G: Pressure gauge | P: Stainless steel shell<br>V: Vacuum type | 30: OD 30<br>40: OD 40 | 02: 0.2MPa<br>04: 0.4MPa<br>10: 1.0MPa | G: MPa&bar(G)<br>P: MPa&psi(PT)<br>T: bar&psi(NPT)<br>G: kPa&psi(G)<br>P: kPa&psi(PT)<br>T: kPa&psi(NPT) |

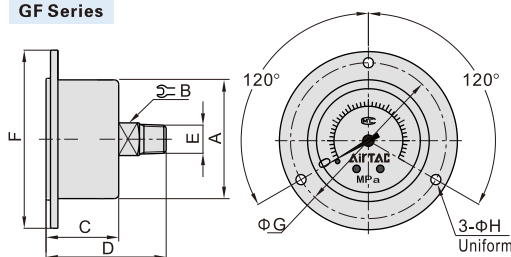
### Dimensions

#### GS Series



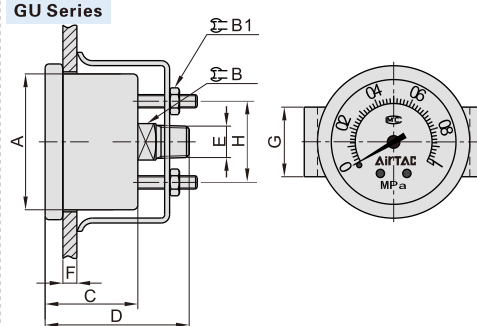
| Model | A  | B  | C    | D    | E     |
|-------|----|----|------|------|-------|
| GS-30 | 33 | 11 | 21   | 31   | 1/16" |
| GS-40 | 42 | 11 | 24.5 | 37.5 | 1/8"  |
| GS-50 | 52 | 14 | 26.5 | 44.5 | 1/4"  |

#### GF Series



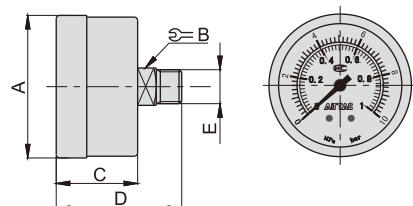
| Model | A  | B  | C  | D  | E    | F  | G    | H   |
|-------|----|----|----|----|------|----|------|-----|
| GF-40 | 42 | 11 | 21 | 37 | 1/8" | 60 | 52.5 | 3.4 |
| GF-50 | 52 | 14 | 26 | 47 | 1/4" | 71 | 62   | 4.4 |
| GF-60 | 62 | 14 | 25 | 46 | 1/4" | 82 | 71.5 | 4.4 |

#### GU Series



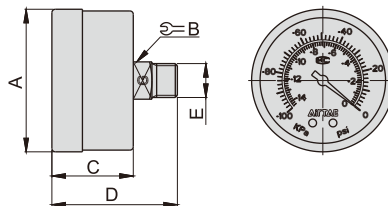
| Model | A  | B  | B1 | C    | D    | E    | F(max) | G  | H    |
|-------|----|----|----|------|------|------|--------|----|------|
| GU-40 | 42 | 11 | 7  | 26   | 41   | 1/8" | 5      | 21 | 24.5 |
| GU-50 | 52 | 14 | 8  | 29.5 | 46   | 1/4" | 7      | 24 | 35   |
| GU-60 | 62 | 14 | 8  | 30   | 46.5 | 1/4" | 7      | 25 | 35   |

#### GP Series



| Model | GP-30 | GP-40 |
|-------|-------|-------|
| A     | 30    | 42    |
| B     | 11    | 11    |
| C     | 17.5  | 24    |
| D     | 30.5  | 37    |
| E     | 1/8"  | 1/8"  |

#### GV Series



| Model | GV-40 |
|-------|-------|
| A     | 42    |
| B     | 11    |
| C     | 24    |
| D     | 37    |
| E     | 1/8"  |