











INDEX

| PRODUCT | MODEL | DIAMETER | MATERIAL | LIQUID | WATER | AIR | STEAM | GAS | HOT WATER | OIL | SOUR ALKALI | PAGE |
|---------------------------------------------------------------------------------------|--------------------------------------------------|--------------------|------------------|--------|-------|-----|-------|-----|-----------|-----|-------------|------|
|  | LZT-8 Series Panel(piping)/type Flowmeter | DN8 | Lucite (Acrylic) | ● | ● | ● | | ● | ● | | | 3 |
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Panel(Piping) Type Flowmeter



WeiChuang
Flowmeter



Panel(Piping) Type flowmeter is also called the variable-area (or float) flowmeter. The material of measuring tube is made of High-quality and transparent lucite (cast acrylic) . This flowmeter is mainly applied to form a complete set in clean water treatment and environmental protection projects. It also can be used in chemical industry, petroleum, light industry, medicine, fertilizer, food, papermaking and scientific research, etc., to measure the single-phase non- pulsing flow of liquid and gas.

Panel(Piping) type flowmeter has the characteristics of high transparency, reading ocular, in rare cases to be broken, light weight, long-life, convenient for installation ect..

Technical Parameters

| Normal flowrate range (flow water) | GPM | 0.1~1 | 0.2~2 | 1~5 | 1~10 | 2~16 | 2~20 | 4~40 | 6~60 | 10~100 | 50~150 |
|---------------------------------------|-------------------------------------------------------------------------|-------|-----------|------|------|------|-------|--------|--------|--------|---------|
| | LPM | 0.5~4 | 1~7 | 2~18 | 5~35 | 4~60 | 10~70 | 15~150 | 25~250 | 50~350 | 190~550 |
| Accuracy | ±4%FS | | | | | | | | | | |
| Repeatability | ±0.25%FS | | | | | | | | | | |
| Rangeability | 10:1 | 10:1 | 5:1(10:1) | 10:1 | 8:1 | 10:1 | 10:1 | 10:1 | 10:1 | 10:1 | 10:1 |
| Maximum pressure | 1MPa/150psig | | | | | | | | | | |
| Maximum temperature | 80°C/176° F | | | | | | | | | | |
| Body material | PMMA(Lucite) | | | | | | | | | | |
| Float material | 316L(Stainless steel) | | | | | | | | | | |
| Guide rod material | 316L(Stainless steel) | | | | | | | | | | |
| Fastening screw material | H62(Copper) | | | | | | | | | | |
| Tube connection material | UPVC (Nonpoisonous),(Can be made of stainless steel or copper chromium) | | | | | | | | | | |
| Upper and lower adapter bearing | F46 | | | | | | | | | | |
| O Shape sealing ring | Silicon rubber | | | | | | | | | | |

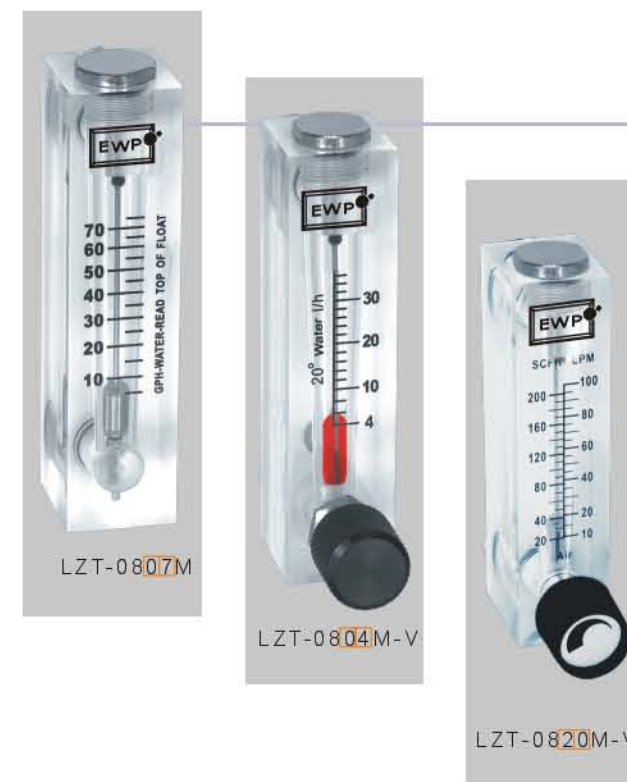


Our company produces whole series of Variable-area Flowmeter. It can be made for different medium, flowrate range, connection size and float of different materials according to the request of the customers (including the Variable-area Flowmeter with Glass Tube), and also can be made in accordance with sample or OEM submitted by the customer.

Panel(Piping) Type Flowmeter



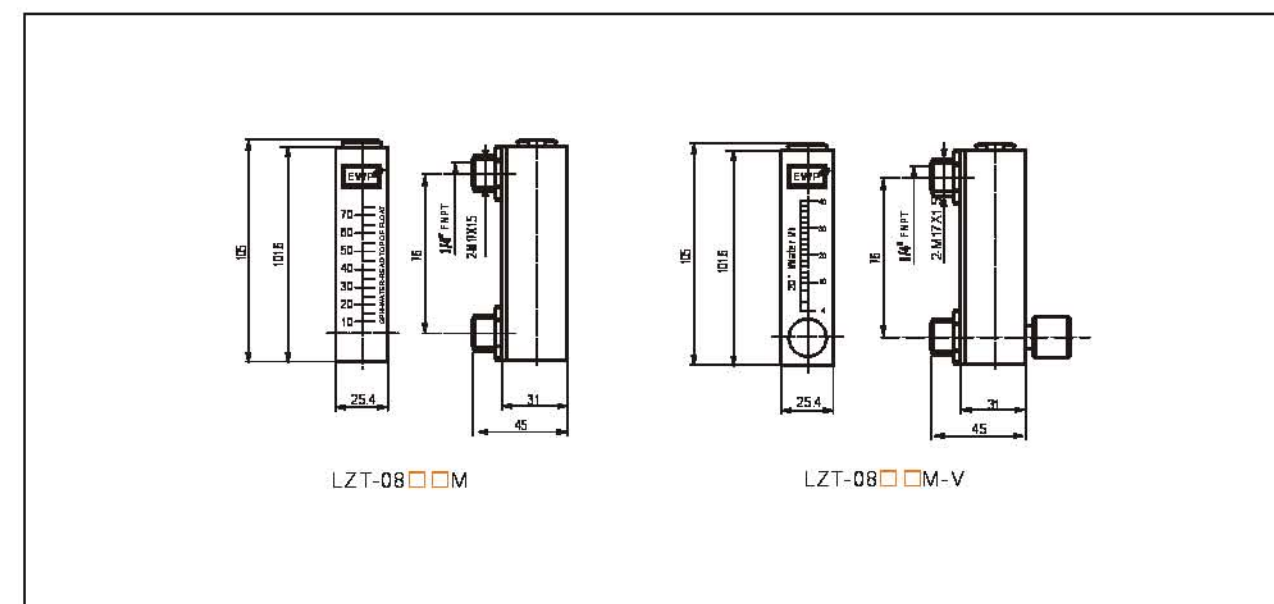
WeiChuang
Flowmeter



LZT-8
Series
Panel(Piping) type

| Model | Measuring range | Medium | Remarks | |
|--------------|----------------------|--------|---------------|------------|
| LZT-0802M | 2-20l/h | Water | Without valve | |
| LZT-0804M | 4-40l/h | | | |
| LZT-0806M | 6-60l/h | | | |
| LZT-0810M | 10-100l/h | | | |
| LZT-0807M | 10-70GPH | | | |
| LZT-0802M-V | 2-20l/h | | | With valve |
| LZT-0804M-V | 4-40l/h | | | |
| LZT-0806M-V | 6-60l/h | | | |
| LZT-0810M-V | 10-100l/h | | | |
| LZT-0807M-V | 10-70GPH | | | |
| LZT-08A01M-V | 1~10SCFH/0.5~5LPM | Air | With valve | |
| LZT-08A02M-V | 2~20SCFH/1~10LPM | | | |
| LZT-08A04M-V | 4~40SCFH/2~20LPM | | | |
| LZT-08A08M-V | 8~80SCFH/4~40LPM | | | |
| LZT-08A10M-V | 10~100SCFH/5~50LPM | | | |
| LZT-08A20M-V | 20~200SCFH/10~100LPM | | | |

Dimensions mm



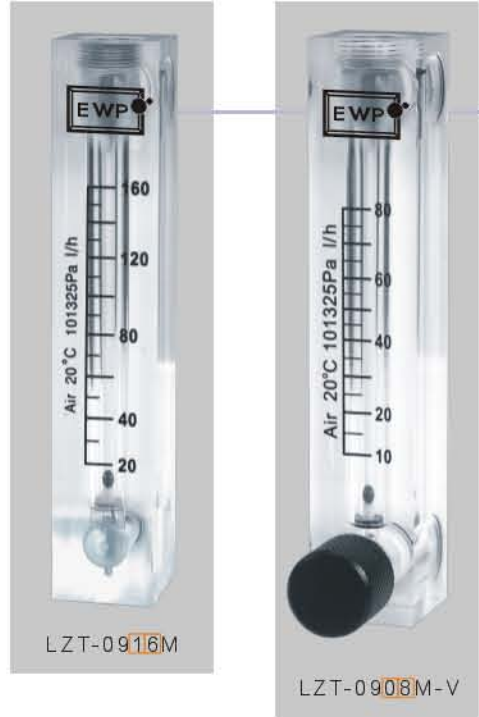
Panel (Piping) Type Flowmeter



WeiChuang
Flowmeter

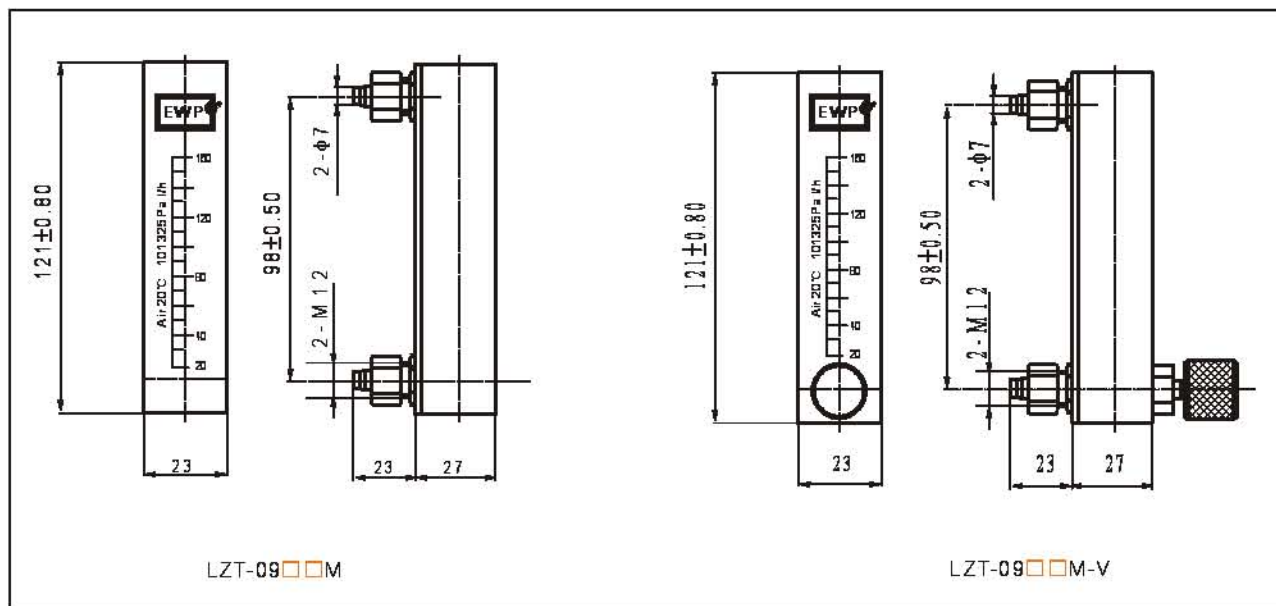


LZT-9 Series Panel type



| Model | Measuring range | Medium | Remarks |
|-------------|-----------------|--------|---------------|
| LZT-0908M | 10~80 l/h | Air | Without valve |
| LZT-0916M | 20~160 l/h | | |
| LZT-0930M | 30~300 l/h | | |
| LZT-0980M | 80~800 l/h | | |
| LZT-0908M-V | 10~80 l/h | | With valve |
| LZT-0916M-V | 20~160 l/h | | |
| LZT-0930M-V | 30~300 l/h | | |
| LZT-0980M-V | 80~800 l/h | | |

Dimensions mm



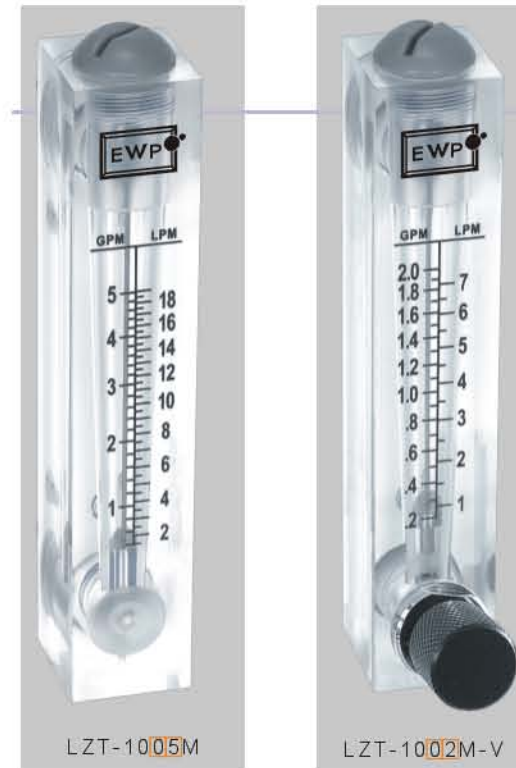
Panel (Piping) Type Flowmeter



WeiChuang
Flowmeter

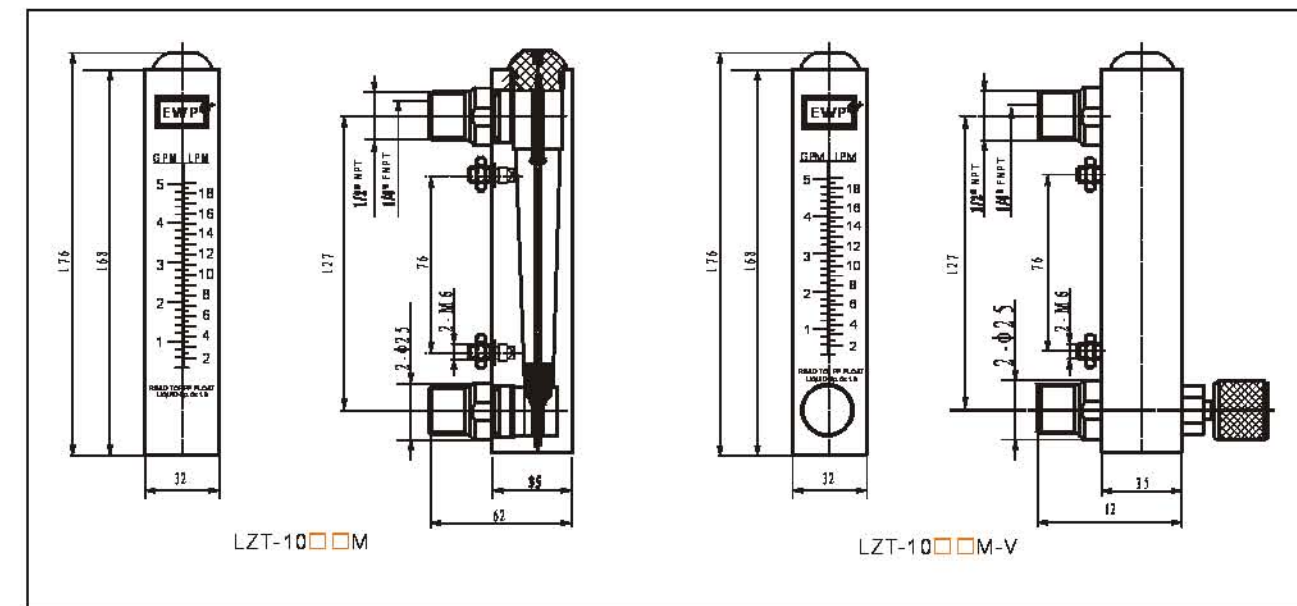


LZT-10 Series Panel type



| Model | Measuring range | Medium | Remarks |
|--------------|----------------------|--------|---------------|
| LZT-1001M | 0.1~1GPM/0.5~4LPM | Water | Without Valve |
| LZT-1002M | 0.2~2GPM/1~7LPM | | |
| LZT-1005M | 0.5~5GPM/2~18LPM | | |
| LZT-1001M-V | 0.1~1GPM/0.5~4LPM | | With Valve |
| LZT-1002M-V | 0.2~2GPM/1~7LPM | | |
| LZT-1005M-V | 0.5~5GPM/2~18LPM | | |
| LZT-10A04M | 0.4~4SCFM/12~120LPM | Air | Without Valve |
| LZT-10A08M | 0.8~8SCFM/24~240LPM | | |
| LZT-10A16M | 1.6~16SCFM/48~480LPM | | |
| LZT-10A04M-V | 0.4~4SCFM/12~120LPM | | With Valve |
| LZT-10A08M-V | 0.8~8SCFM/24~240LPM | | |
| LZT-10A16M-V | 1.6~16SCFM/48~480LPM | | |
| LZT-10A24M | 2.4~24SCFM/72~720LPM | | |

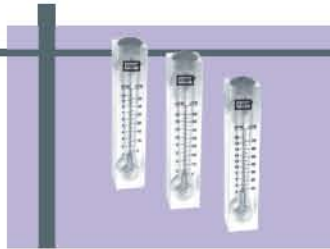
Dimensions mm



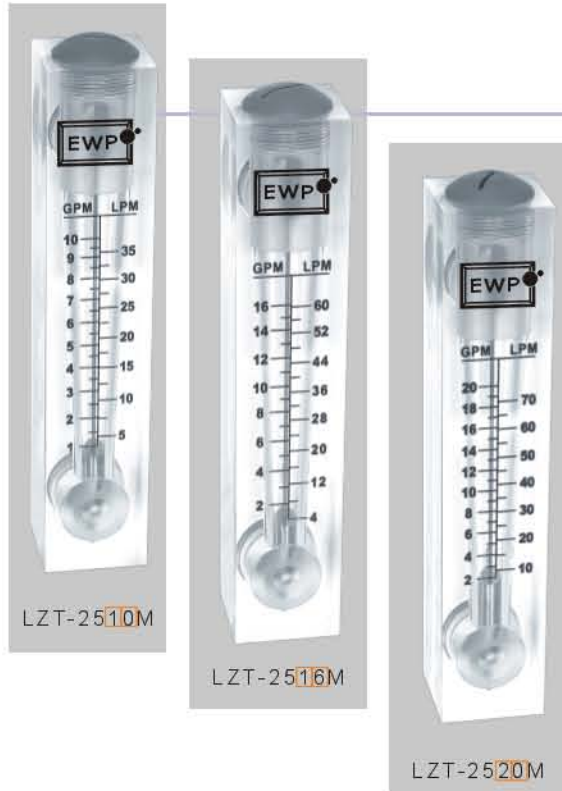
Panel (Piping) Type Flowmeter



WeiChuang
Flowmeter

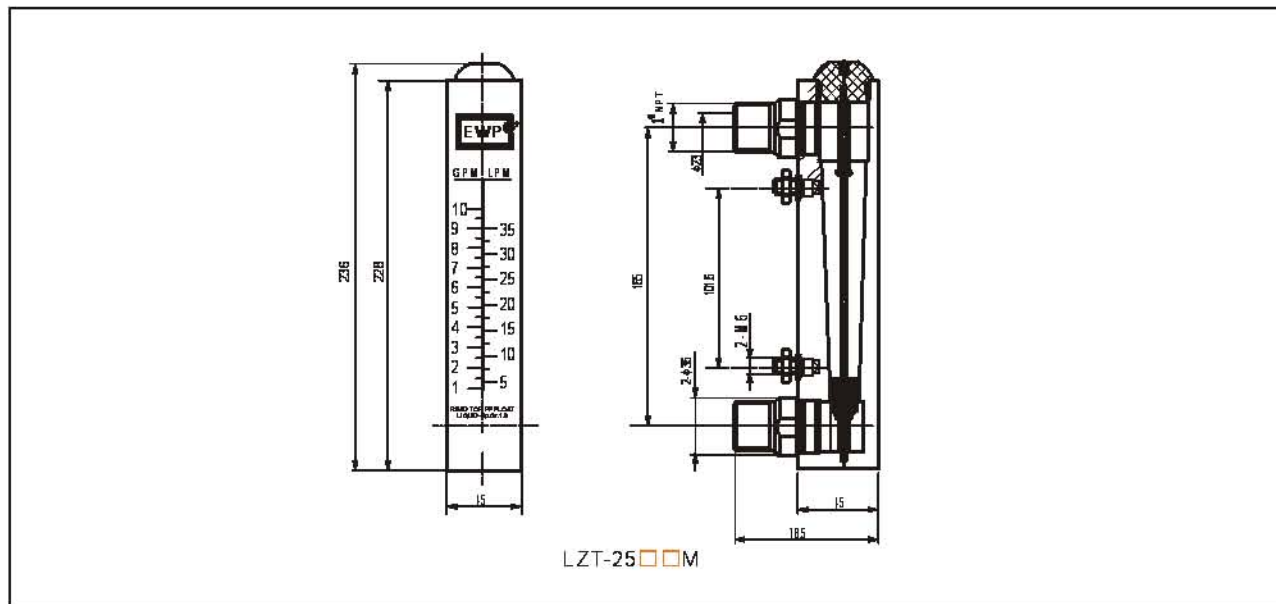


LZT-25 Series Panel type



| Model | Measuring range | Medium | Remarks |
|------------|----------------------|--------|---------------|
| LZT-2510M | 1~10 GPM/5~35LPM | Water | Without Valve |
| LZT-2516M | 2~16 GPM/4~60LPM | | |
| LZT-2520M | 2~20 GPM/10~70LPM | | |
| LZT-25A40M | 4~40 SCFM/7~70m³/h | Air | |
| LZT-25A60M | 6~60 SCFM/10~100m³/h | | |
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Dimensions mm

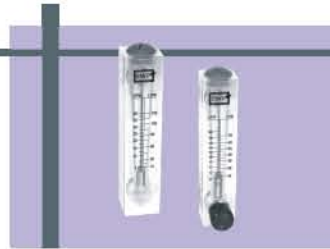


LZT-25□□M

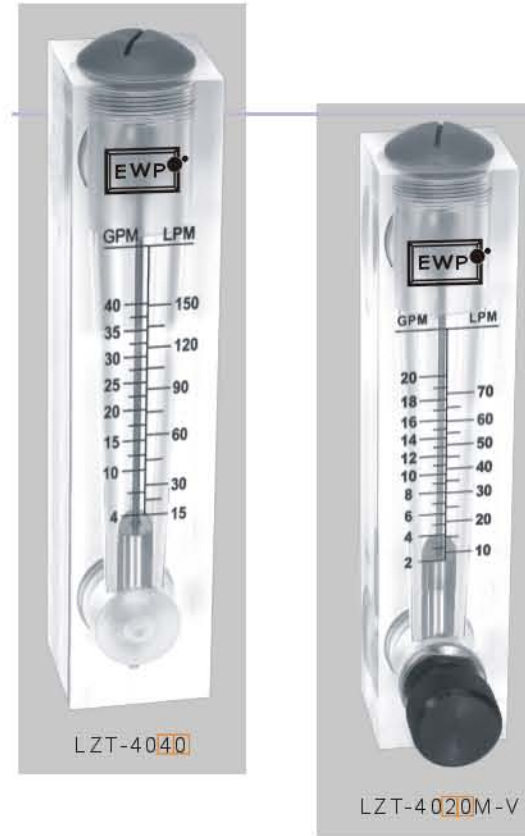
Panel (Piping) Type Flowmeter



WeiChuang
Flowmeter

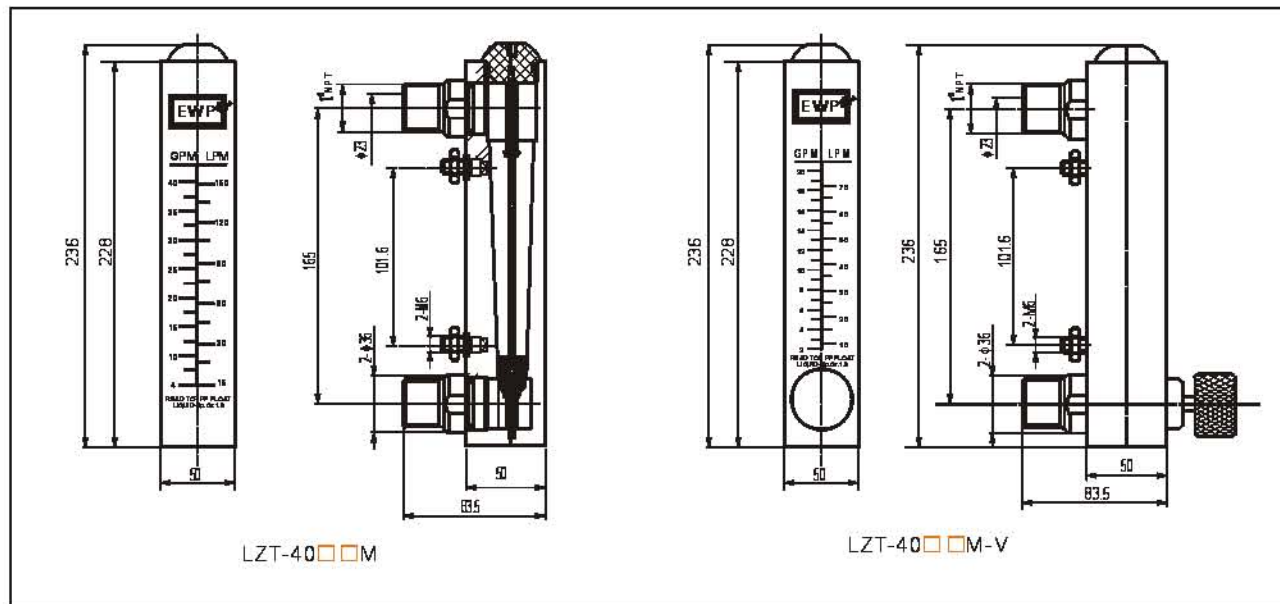


LZT-40 Series Panel type



| Model | Measuring range | Medium | Remarks |
|-------------|--------------------|--------|---------------|
| LZT-4035M | 4~35 GPM/12~120LPM | Water | Without Valve |
| LZT-4040M | 4~40 GPM/15~150LPM | | |
| LZT-4010M-V | 1~10 GPM/5~35LPM | Water | With Valve |
| LZT-4016M-V | 2~16 GPM/4~60LPM | | |
| LZT-4020M-V | 2~20 GPM/10~70LPM | | |
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Dimensions mm



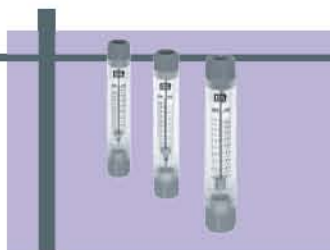
LZT-40□□M

LZT-40□□M-V

Panel(Piping) Type Flowmeter



WeiChuang
Flowmeter

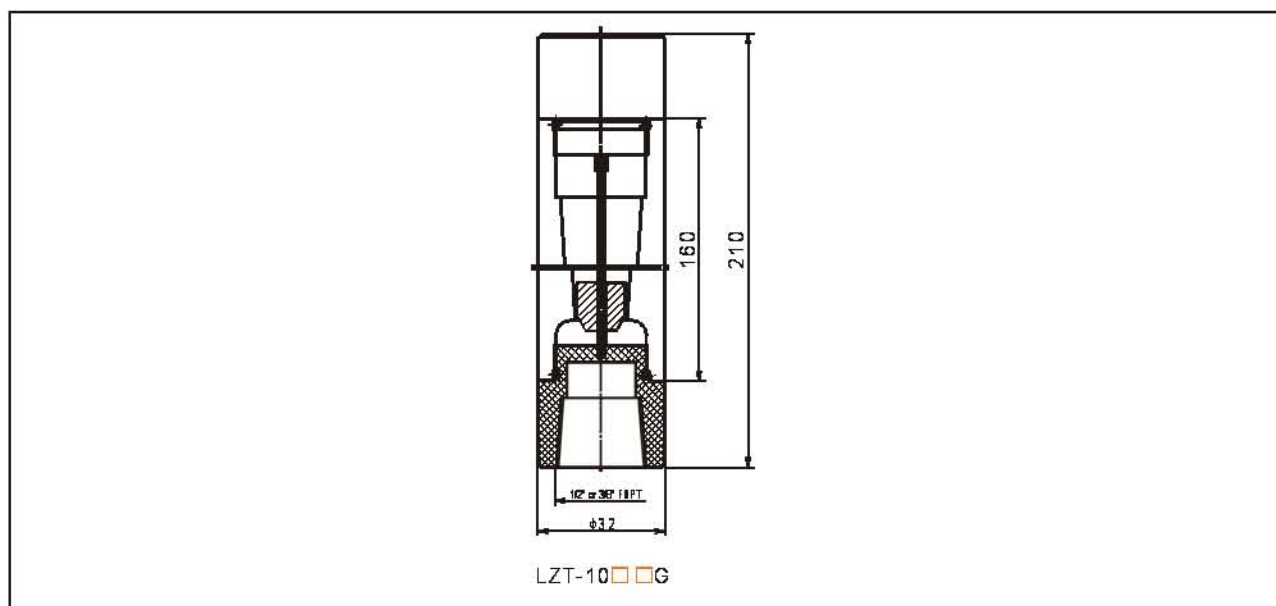


LZT-10 Series Piping type



| Model | Measuring range | Medium | Remarks |
|-----------|--------------------|--------|----------|
| LZT-1001G | 0.1~1 GPM/0.5~4LPM | Water | Circular |
| LZT-1002G | 0.2~2 GPM/1~7LPM | | |
| LZT-1005G | 0.5~5 GPM/2~18LPM | | |
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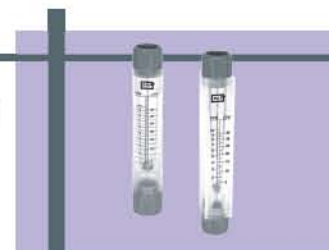
Dimensions mm



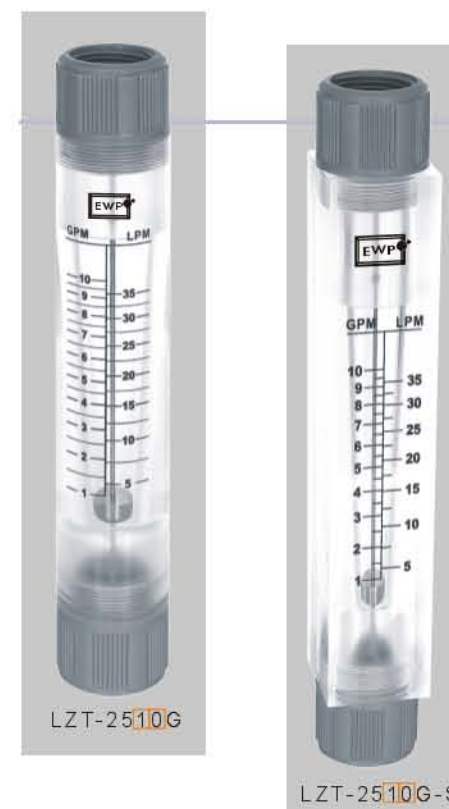
Panel(Piping) Type Flowmeter



WeiChuang
Flowmeter

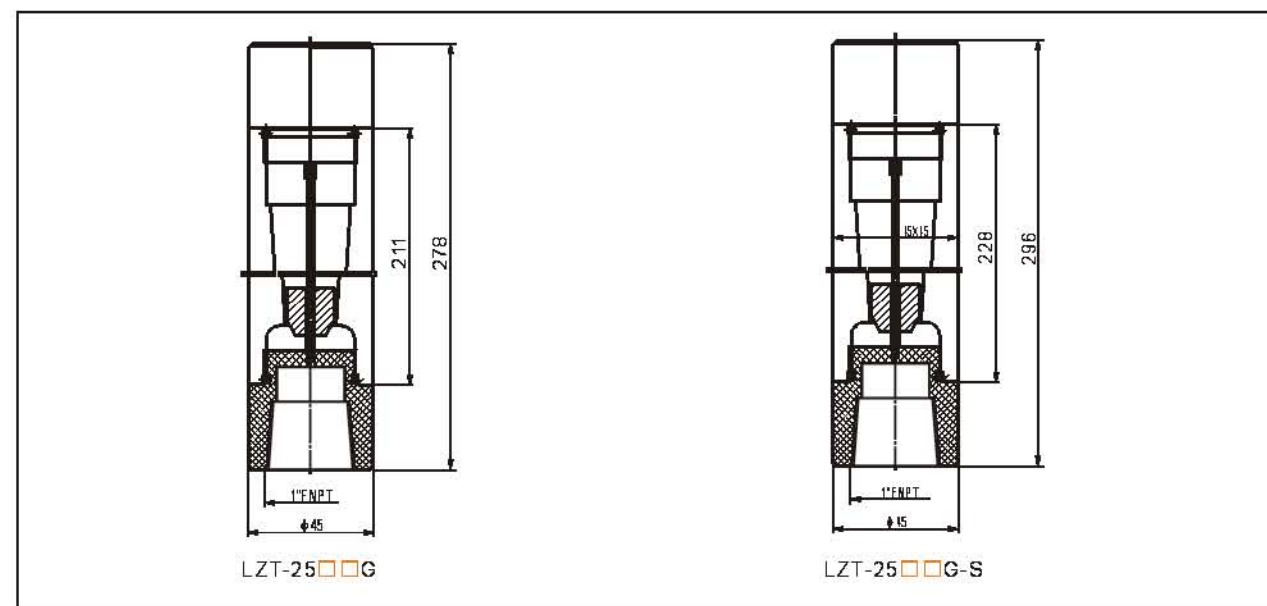


LZT-25 Series Piping type



| Model | Measuring range | Medium | Remarks |
|-------------|-------------------|--------|----------|
| LZT-2510G | 1~10 GPM/5~35LPM | Water | Circular |
| LZT-2516G | 2~16 GPM/4~60LPM | | |
| LZT-2520G | 2~20 GPM/10~70LPM | | |
| LZT-2510G-S | 1~10 GPM/5~35LPM | Water | Square |
| LZT-2516G-S | 2~16 GPM/4~60LPM | | |
| LZT-2520G-S | 2~20 GPM/10~70LPM | | |
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Dimensions mm



Panel(Piping) Type Flowmeter



WeiChuang
Flowmeter

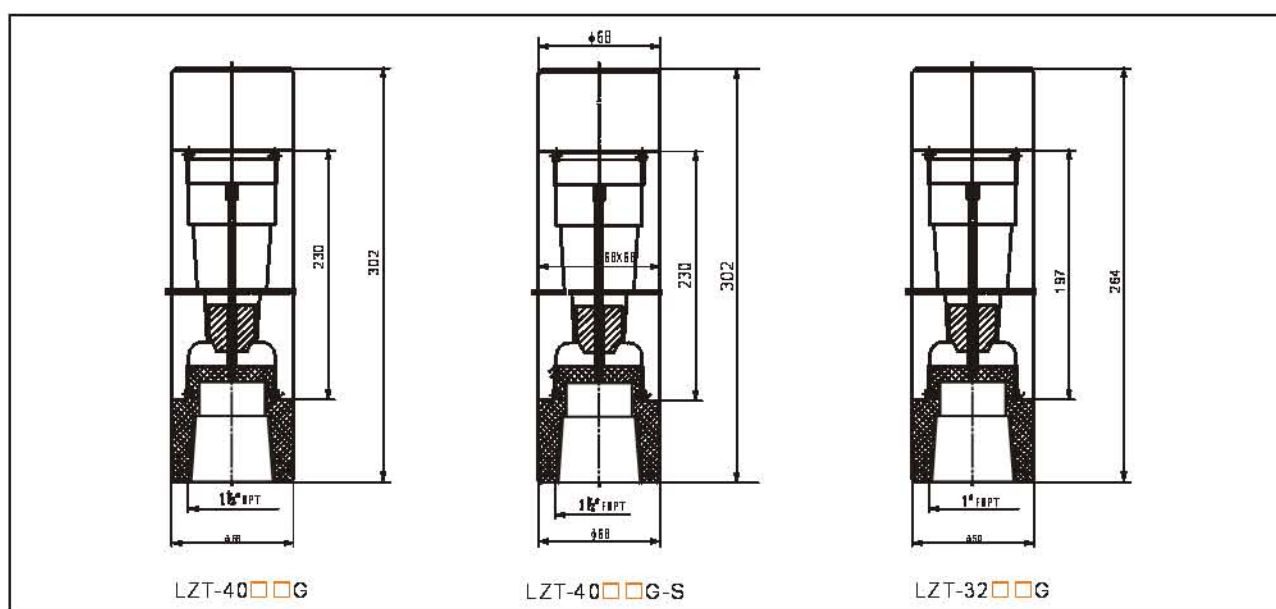


LZT-40 Series Piping type



| Model | Measuring range | Medium | Remarks |
|-------------|----------------------|--------|----------|
| LZT-4004G | 4~40 GPM/15~150LPM | Water | Circular |
| LZT-4006G | 6~60 GPM/25~250LPM | | |
| LZT-4008G | 8~80GPM/30~300LPM | | |
| LZT-4010G | 10~100 GPM/50~350LPM | | |
| LZT-4004G-S | 4~40 GPM/15~150LPM | | Square |
| LZT-4006G-S | 6~60 GPM/25~250LPM | | |
| LZT-4008G-S | 8~80GPM/30~300LPM | | |
| LZT-4010G-S | 10~100 GPM/50~350LPM | | |
| LZT-3203G | 3~30GPM/12~120LPM | Water | Circular |
| LZT-3204G | 4~40GPM/15~150LPM | | |

Dimensions mm



Panel(Piping) Type Flowmeter



WeiChuang
Flowmeter

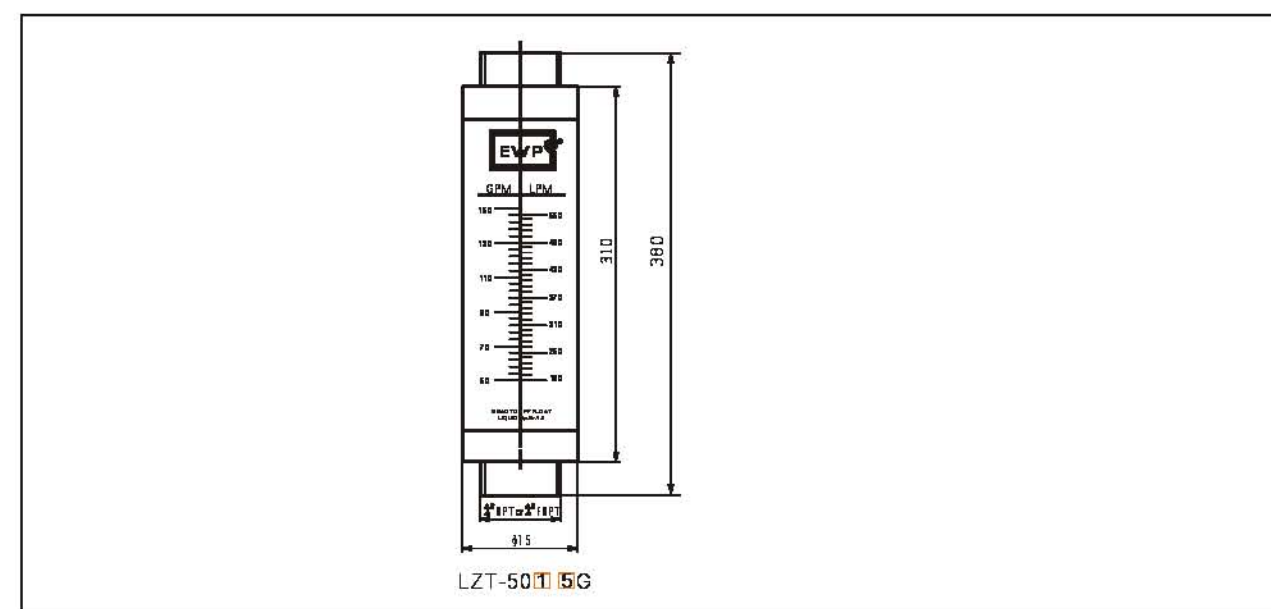


LZT-50 Series Piping type



| Model | Measuring range | Medium | Remarks |
|-----------|----------------------|--------|----------|
| LZT-5015G | 50~150GPM/190~550LPM | Water | Circular |
| LZT-5020G | 50~200GPM/200~750LPM | | |
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Dimensions mm



Panel (Piping) Type Flowmeter



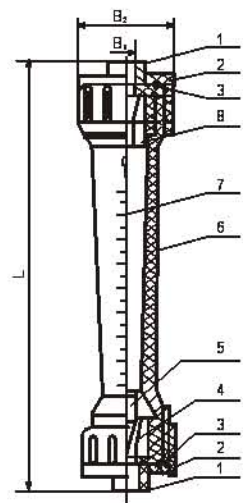
WeiChuang
Flowmeter



LZT-S Plastics tube Flowmeter

| Model | Measuring range | Medium | Remarks |
|-----------|-----------------|--------|----------------------|
| LZT-15S16 | 16~160l/h | Water | Without Guide rod |
| LZT-15S25 | 25~250l/h | | |
| LZT-15S40 | 40~400l/h | | |
| LZT-15S60 | 60~600l/h | | |
| LZT-25S16 | 160~1600l/h | | |
| LZT-25S25 | 250~2500l/h | | |
| LZT-32S04 | 0.4~4m³/h | | With Guide rod |
| LZT-32S06 | 0.6~6m³/h | | |
| LZT-50S10 | 1~10m³/h | | |
| LZT-50S16 | 1.6~16m³/h | | |
| LZT-65S25 | 5~25m³/h | | |
| LZT-65S40 | 8~40m³/h | | |
| LZT-65S60 | 12~60m³/h | | |

Dimensions mm



1. Connection tube
2. Nut
3. O-ring
4. Bottom stop shaft
5. Floater
6. Cone tube
7. Scale
8. Top stop shaft

| Caliber mm | Dimensions mm | | |
|---------------|---------------|----------------|----------------|
| | L | B ₁ | B ₂ |
| 15 | 280 | φ20 | φ45 |
| 25 | 380 | φ32 | φ68 |
| 32 | 288 | φ40 | φ74 |
| 50 | 341 | φ63 | φ98 |
| 65 | 430 | φ75 | φ122 |

Remarks: The material of upper and lower connection tube of this series flowmeter is ABS engineering plastic. (also can be made for different material or connection form according to the request of the customers)