



DTY Professional Type of High Precision Balance

DTY Series is a kind of powerful system, excellent performance, and analytical balance. We explore and optimize the traditional sensor's technology deeply by using accumulated professional experience for years. We improve the development platform, using sophisticated control technology and relevant software to break through the new generation of monolithic sensor technology. This monolithic sensor technology's features are fast weighing response, high durability, continually coherence, compatible of sensitivity and stability.

| Main Specification | | | | | |
|--------------------|-------------------|-----------------|-------------------|---------------|---------------|
| Item No. | Weighing Range(g) | Readability(mg) | Repeatability(mg) | Linearity(mg) | Pan Size (mm) |
| DTY-223/323 | 220/320 | 1/2 | ±1/±2 | ±2/±3 | Ø90 |
| DTY-323/423 | 320/420 | | | | |
| DTY-523/623 | 520/620 | | | | |
| DTY-623 | 620 | 1 | ±1 | ±2 | Ø108 |

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|-------------------------------|------|--|----|------|
| DTY-1203 | 1200 | | | |
| DTY-2003 | 2000 | | ±2 | ±4 |
| DTY-3003 | 3000 | | | Ø128 |
| Work Temp: 10°C – 30°C, 80%RH | | | | |
| Housing (L×W×H) : 295×205×320 | | | | |

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| Main Characteristic | |
| Sensor Structure | Super Monoblock Sensor |
| Calibration Way | Fully Automatic Internal CAL (User-set time and temperature to trigger out the calibration automatically) |
| Anti-vibration Level | Six level anti-vibration adjustable function |
| Housing | Fully Aluminum |
| Display | VATN Backlit LCD Display |
| Stable time | 3-10s Adjustable |
| Unit | g, mg, ct, oz, ozl, dwt, GN, lb, N, dr, tIT, tIs, tIH, T(Tola), T/A/R(tola/anna/rati), /A/R (tola/Mna/rati) , ms (Mesghal) , bat, /lb (Parts per pound) ,kg, 20units selectable |
| Interface | RS232 |
| Weighing Mode Lock | Weighing Mode Lock Automatically |
| Underhook | Fit with Underhook |
| Power | AC adaptor |

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|-------------------------|--------------------------------|
| Application Mode | |
| Percentage Weighing | Peak Holding Function |
| Density Weighing | Computing Function |
| Dynamic Weighing | High Low Limit Alarm |
| Counting Function | Gross/Net/Tare Weight Weighing |
| Accumulating Function | |