

Digital Density Meter

Digital Density Meter is based on the principle of U-tube oscillation method, which perfectly combines Peltier's precise temperature control technology with high-definition video camera technology to not only provide accurate, stable and reliable test results, but also provide users with efficient and convenient test experience. High-definition video can see whether there is bubble influence in the sample, using pulse excitation, high-precision detection technology, convenient for users to accurately and quickly measure the sample density and density related parameters.

1. Digital Density Meter Introduction

Innovation points to improve efficiency:

- 1: Automated integration to realize one-key measurement function;
- 2: Built-in Peltier temperature control to improve accuracy and stability;
- 3: High-definition video to avoid the influence of bubbles;
- 4: Data can be printed directly through the printer;
- 5: Comply with 21CFR Part 11, audit trail, pharmacopoeia and electronic signature.

2. Digital Density Meter Parameter

Model	DigiPol -D70
Test mode	Density, alcohol concentration and custom formula
Measuring range	0 g/cm ³ to 3 g/cm ³
Resolution	±0.00001 g/cm ³
Repeatability	±0.00008 g/cm ³
Accuracy	±0.00005 g/cm ³
Injection method	Automatic (compatible with manual)
With Video	YES
Temperature control method	Peltier
Temperature control range	5°C-65°C
Temperature control stability	±0.02°C
Display method	10.4 inch FTF color touch screen
data storage	64G
output method	USB, RS232, RJ45, SD card, U disk
User Management	Yes / four-level authority management
Audit trail	YES
Electronic signature	YES
Custom method library	YES
Export file to verify high-level protection MD5	YES
WIFI printing	YES
Export in multiple file formats	PDF & Excel
Size	480*320*200mm
Power supply	110V -230V 50Hz / 60Hz
Weight	8kg

3. Digital Density Meter Feature And Application

1. Automatic integration to realize the function of one-key measurement.
2. Built-in Parpaste temperature control, improve accuracy and stability.
3. Avoid bubbles in HD video.
4. Data can be printed directly through the printer.
5. Compliance with 21CFR Part 11, audit trail, pharmacopoeia and electronic signature.

4. Fields of use Digital Density Meter

1. Pharmaceutical industry: quality control of API and pharmaceutical intermediates, determine the specific gravity and density of pharmaceutical agents;
2. Flavor flavor: food flavor, daily flavor, tobacco flavor, food additive raw material verification;
3. Petrochemical industry: crude oil API index, gasoline, diesel density detection, additive mixing ratio process monitoring;
4. Beverage industry: measurement of sugar concentration, alcohol concentration, beer quality control, soft drink quality control;
5. Food industry: grape juice, tomato juice, high fructose corn syrup, vegetable oil and soft drinks processing quality control;
6. Brewing industry: liquor, yellow rice wine, red wine, beer, fruit wine, rice wine and other alcohol concentration detection;
7. Chemical industry: chemical urea, detergent, glycol, acid and alkali and ammonia concentration test;
8. Machinery manufacturing: metal processing, machine manufacturing, automotive industry, electronic and electrical cleaning agent detection;
9. Inspection institutions: standard laboratories, statutory testing institutions, third party detection of liquid density measurement.

5. Product Details

Digipol-D70 Digital Density Meter adopts the principle of U-tube oscillation method, perfectly combines Peltier's precise temperature control technology and high-definition video camera technology, not only to provide users with accurate, stable and reliable test results, but also to bring users efficient and convenient testing Feel. The high-definition video can easily see whether there are bubbles in the sample. The pulse excitation and high-precision detection technology are used to facilitate the user to accurately and quickly measure the sample density and density-related parameters.

6. Product Qualification

Jiahang Digital Density Meter has obtained CE certification, TART certification, ISO quality management system certification, more than 10 software copyrights and multiple patents to ensure that each instrument has stable performance and excellent quality.

7. Deliver, Shipping And Serving

We have a top R&D team returned from Europe and America, cooperate with our superb manufacturing team, professional sales team and dedicated service team, working together to provide customers with high-tech, high-quality products and efficient, convenient, Comprehensive pre-sales and after-sales professional services.

8. FAQ

How many years have your company made Digital Density Meter?

22 years of scientific instrument manufacturer, laboratory solution provider!

Which certificate do you have for your products?

Jiahang has obtained CE certification, TART certification, ISO quality management system certification, more than 10 software copyrights and multiple patents to ensure that each instrument has stable performance and excellent quality.

Will you will attend the fair to show your products?

Yes, Every year we will participate in some internationally renowned exhibitions to launch our new products, such as Arablabs, PICCTON, Analytica Russia, Lab Africa, Analytica Germany, Analytica Latin America and so on, we are looking forward to your visit.

How about your company's R&D strength

Possess strong R&D technical capabilities (a R&D team of more than 20 people, with an average degree of doctorate degree, graduated from well-known universities at home and abroad, with an average work experience of 8 years), able to deal with and solve product-related technical problems

If OEM is acceptable?

Provide OEM customization service, product built-in software has autonomy, can customize development settings

Are you a trading company or a manufacturer?

100% manufacturer, no middlemen and distributors make the price difference, the price of the source factory is very advantageous; Jiahang is headquartered in Shanghai, China, has 15 service outlets and 2 production plants in China, and has sales in more than 10 countries overseas proxy.

How about your delivery time?

"Generally, it will take 7 to 15 working days after receiving your advance payment. Depend on the quantity."

Which payment can be acceptable ?

We could accept the payment by L/C, TF, Paypal, Western Union, etc.



☎ 0086 17721148861
✉ bentian@jiahanglab.com
🌐 www.jiahanglab.com
📄 0086 021 59904405

Service

We could provide Online instruction ; Real-time support by video-ca or voice-chat.

Any customer who cooperates for the first time promises to provide a production cost price trial opportunity to solve your worries about product quality problems.

Provide official product quality assurance documents that comply with legal benefits to escort you with worry-free after-sales service.