

# CDU-3700

## Color Doppler Ultrasonic Diagnostic System



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## ►► Specifications:

|                               |   |
|-------------------------------|---|
| <b>Applications</b>           | : Abdomen, OB/GYN Vascular, Small Organ   |
| <b>Archive Management</b>     | : Patient Information Management.<br>ImageNideo Record, Examination Report  |
| <b>Option</b>                 | : TDI, Color M-mode, Anatomic M-mode.<br>Wide Scene Imaging. Contrast Agent Imaging,<br>3D/4D, Puncture Enhanced, Trolley   |
| <b>Imaging Technologies</b>   | : SR, DBF. RDA,THI, DRF, CW, IMT,<br>Puncture Enhanced, PW Auto Trace,<br>B+CF/PDI/DPDI+PW  |
| <b>Display Mode</b>           | : B, B/B, 4B, PDI, 3D, 4D, M,<br>CF, PW, CW (Optional: 3D, 4D)  |
| <b>Software Package</b>       | : General, OB/GYN, URO, Cardiac, Vascular, Small Organ  |
| <b>Zoom</b>                   | : 4 Steps   |
| <b>Standard Configuration</b> | : 2 Probe Connection Ports, 2 USB, VGA Port,<br>Video Port, S-Video Port, LAN Port,<br>B÷CF, TSI, THI, iTHI, HPRF, B+PW,<br>B+CF/PDI!DPDI+PW, CW (B/C: HPRF, D: CW),<br>Extended Convex Array Imaging,<br>Linear Array DeflectioniTrapezoid Imaging,<br>Space Compounding Imaging |
| <b>Gray Scale</b>             | : 256 Levels  |
| <b>Cine Loop</b>              | : 1086 Frames   |
| <b>Power Supply</b>           | : AC 100-240 V, 50-60Hz   |
| <b>Scanning Depth</b>         | : 250mm Max (Depend on the probe)   |
| <b>Probe Frequency</b>        | : 2.0 Mhz-1 20Mhz (Depend on the probe)   |



## ▶▶ **Advanced Imaging Technologies:**

### **Ergonomic Design**

15 Inch TFT Display

Viewing Angle: 170°

Resolution: 1024X768 Pixels

7500mAh Lithium Battery

Continuous Working Time: 2 hours easy Operation

One Button Automatic Image Optimization  
Trolley (Optional)



### **Echo**

Advanced Technologies

Digital Beam Forming (DBF)

Real-time Dynamic Aperture (RDA)

Dynamic Receiving Focus (DRF)

Tissue Harmonic Imaging (THI)

Continuous Doppler (CW):

Superior Phased Array

Cardiac Imaging Technology

Complete Software Package

PW Auto Trace

Trapezoid Imaging

Compound Imaging

8+CF/PDI/DPDI+PW Full-Screen Display

### **Physical Characteristic**

Dimension: 370mm(L)\*360mm(W)\*80mm (H)

Weight: 6.5kg

### **Accessories**

One Convex Probe (3.5 MHz)

One Power Cord

One User Manual

One Adapter

### **Support Timing Lock**

Distributors can set timing lock according to the buyers' payment schedule:

e.g. 3 Months / 6 Months / 9 Months

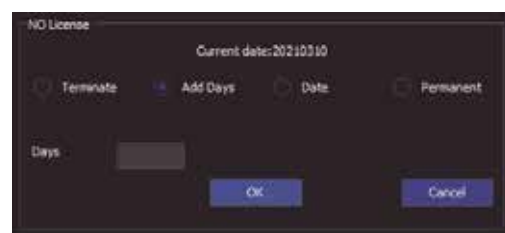
### **Economic**

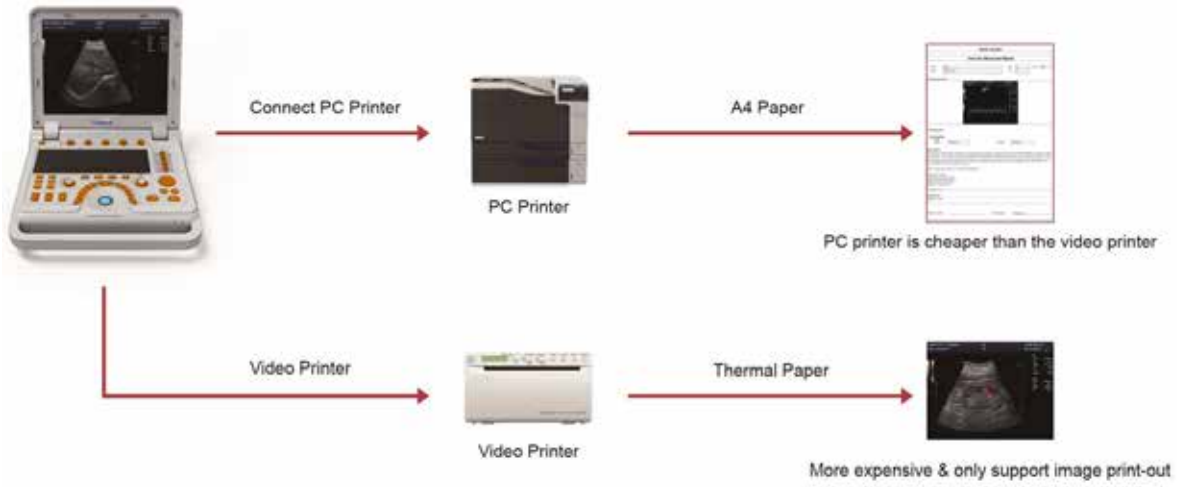
The latest platform & more advanced chip-set give you better imaging quality at lower cost Support PC printer with reduced paper cost 128G Memory Card

### **Eco-Friendly**

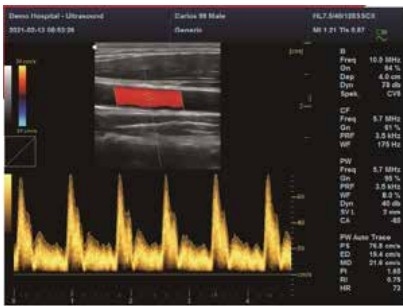
Less Radiation

Lower Power Consumption

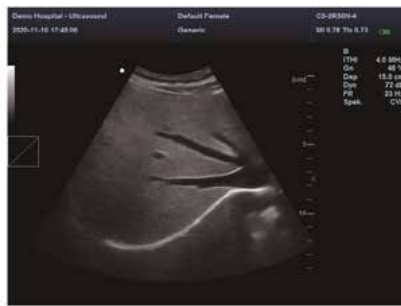




▶▶ **Great Imaging Quality:**



CCA PW Auto Trace



Liver



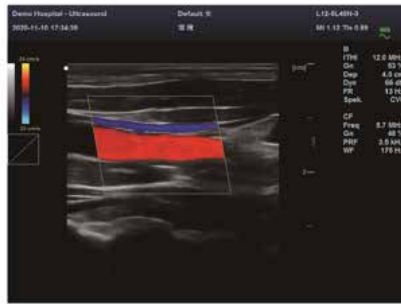
Kidney With CF



Liver B+CF+PW



Cardiac



CCA B+CF

## HPLC Servicing, Validation, Trainings and Preventive Maintenance :

**HPLC Servicing** :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

**Trainings** :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

**AMC's/CMC** :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

**Validations** :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

**Instruments** :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



## About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

## Our Products & Technologies



UV/VIS  
Spectro 2080+  
Double Beam



Infra FTIR



Optima Gas  
Chromatograph  
3007



Optima Gas  
Chromatograph  
2979 Plus



Flash  
Chromatograph



Atomic Absorption  
Spectrophotometer



Liquid Particle  
Counter



Optical Emission  
Spectrophotometer



DSC/TGA



Semi Auto Bio  
Chemistry Analyzer



HEMA 2062  
Hematology  
Analyzer



Micro Plate  
Reader/Washer



URINOVA 2800  
Urine Analyzer



Total Organic  
Carbon 3800



Fully Automated  
CLIA



NOVA-2100  
Chemistry Analyzer



PCR/Gradient PCR/  
RTPCR



TOC  
Analyzer



Laser Particle  
Size Analyzer



Ion Chromatograph



Water purification  
system



## Regulatory compliances



## Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



# Analytical Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [Info@analyticalfoundation.org](mailto:Info@analyticalfoundation.org)

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

## Reach us @



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