

# Allengers

*Passion for excellence*



**Pisces**  
Electrocardiograph

# Pisces

Electrocardiograph

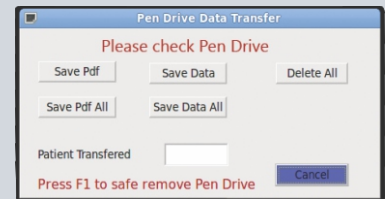


Electrocardiograph (ECG) - Pisces, is designed to meet fast and easy operation with its elegant design. With complete in house design and interpretation provided, Pisces provides clinicians to be faster and accurate to know rhythm of heart.

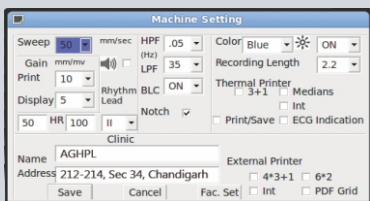
## PISCES FEATURES



All twelve leads display simultaneously on 5 inch screen with 6 x 2 format



Data storage and transfer to Pen drive in PDF format

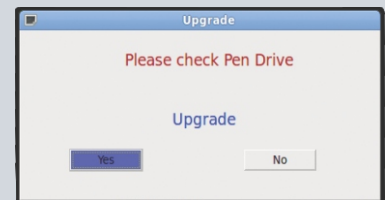


User define settings to set gain, speed, filter & selectable long lead and printing formats

Sel	Sr.	ID	NAME	AGE	SEX	Ht.
<input type="checkbox"/>	114	175	Om Prakash	35Y	Male	Cms
<input type="checkbox"/>	113	174	Prem Chand	33Y	Male	Cms
<input type="checkbox"/>	112	171	Pardeep	44Y	Male	Cms
<input type="checkbox"/>	111	170	Shamlal	44Y	Male	Cms
<input type="checkbox"/>	110	169	Hardeep Singh	55Y	Male	Cms

Storage of more than 2000 patients with full information

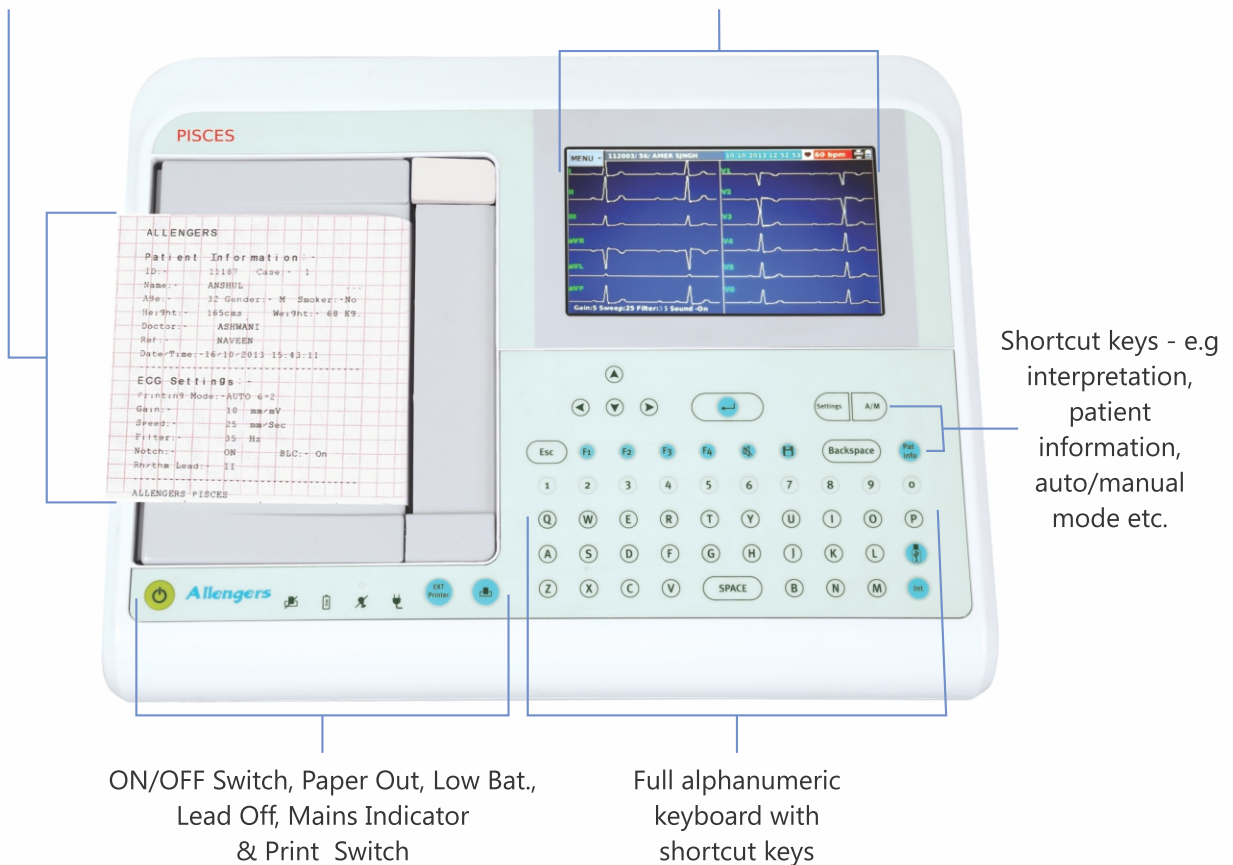
Single Click to Enter Patient Information



Software Upgradation through Pen Drive

**Broad Paper Size**  
106 mm wide paper for  
clear visualization of  
ECG waveforms and reports

5" Touch Screen  
coloured display for  
better visualization of  
ECG setup information

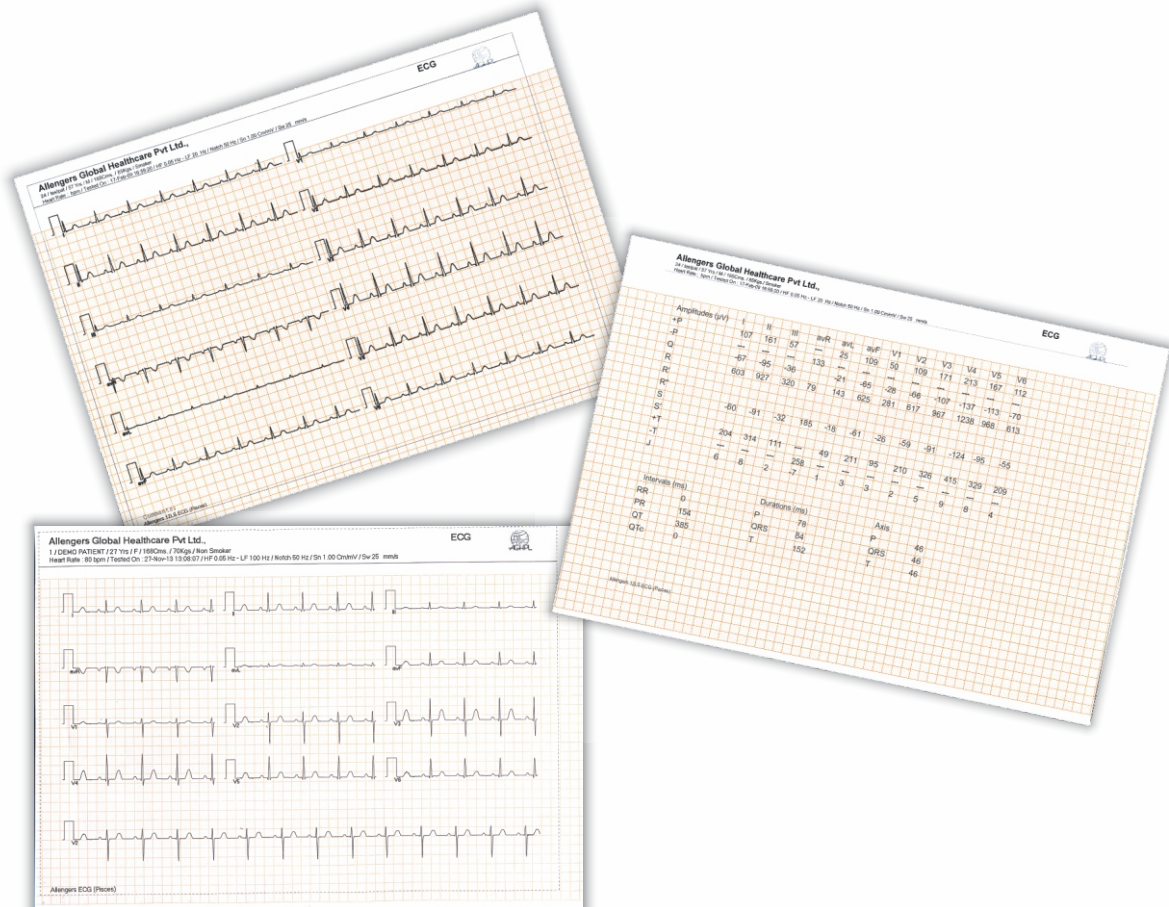


## PC CONNECTIVITY (optional)

- Machine can be connected to PC to work as PC ECG with help of Windows based Allengers ECG software and also capable to transfer all stored data to PC and analyse through PC ECG software and also get the printout on selectable format.
- Easy comparison of current ECG with previous ECG with help of Windows based Allengers ECG software.
- Storage of all data on pen drive in PDF format, so printout can be taken directly without help of software.
- Optional to mail the ECG data in PDF format.
- Online support software help to view the ECG real time though internet in any corner of world.
- Online update allows you to download the latest software available from Allengers server.
- Export data through HL7 or HIMS.
- **Lifetime free software upgradation.**

## SALIENT FEATURES

- 12 leads simultaneous acquisition to get accurate ECG measurements and ECG on screen helps to check ECG signal quality before printing.
- Full alphanumeric key board with shortcut keys and also 5 inch color screen.
- Highly informative print out on thermal paper with all 12 leads and one selectable rhythm lead.
- Battery backup of more than 100 ECG printouts on thermal paper, which provide ease during mobility of machine inside or outside the hospital.
- Selectable long lead helps in identification of any type of arrhythmia / abnormalities.
- Various indication on LCD display, "PAPER EMPTY", "BATTERY STATUS" and "LEAD OFF".
- Versatile recording modes auto, manual, recording of 2.2 sec, 3 sec., 5 sec. and 10 sec.
- Wide printer size of 106 mm to fit all leads properly without overlapping of ECG.
- Facility to upgrade software in the field.
- Power saving mode.
- Perfect design with high class unbreakable material.
- Compact and portable with carry handle.



## TECHNICAL SPECIFICATIONS

PARAMETERS	103/106 (Basic)	103/106 (Advance)
Input circuit	Defibrillation protection built in	
Lead	Standard 12 Leads	
Acquisition mode	Simultaneous acquisition	
A/D converter	16 Bit	24 Bit
Sampling rate	500 samples/second/Ch	
Frequency response	0.05 HZ to 100 HZ	0.05 HZ to 150 HZ
Filters	Low pass filter, base line drift filter, notch filter	
CMRR	≥ 100db	
Recording mode	Auto / Manual	
Power supply	AC (110-240 V) 50 / 60 HZ	
Battery	Built in Lithium ion battery	
Battery backup	100 standard records on full battery charge	
Recorder	Thermal printer	
Recording paper	106 mm x 20 meter (Roll)	
Recording speeds	12.5mm/s, 25mm/s and 50mm/s	
Recording channels	3 x 4 + 1R Auto and manual printing for 3 channel machine and 6 x 2 format Auto and manual printing for 6 channel machine only	
Interpretation	Basic Interpretation	Full interpretation
PC connectivity	Optional	Yes
Colored TFT 5"	Normal	Touch Screen
Review	On TFT and Thermal Printer	
Parameters	HR, RR, PR, QRS, QT, QTC, R axis, P axis and T axis	HR, RR, PR, QRS, QT, QTC, R axis, P axis, Taxis, ST Axis, T duration and ST duration
Lead off detection	Available	
QRS beep	Available	
Weight	≈ 1.5 Kg	
Battery Charger	Lithium ion battery charger ; Input : C 100 - 270 V, 50 Hz ; Output : DC 12.9± 0.2 V, 750 mA	
ECG Storage	Storage of 50 ECG which can be replayed on screen and also get the printout with complete detail of patient	Storage of more than 2000 ECG which can be replayed on screen and also get the printout with complete detail of patient
Pen drive connectivity	No	Stored data can be transferred to pen drive. Pdf, A4 printouts can be taken
Background color scheme	Fix	Multicolor
Patient safety	Yes	
Keypad	Alphanumeric keypad	
Power saver mode	Fix time period	Selectable time period

## ACCESSORIES



Patient cable 10 lead



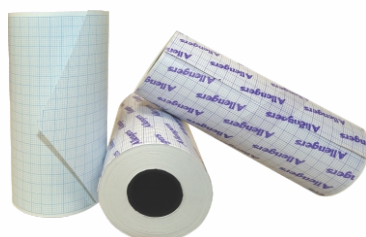
Silicon bulb electrodes



Limb electrodes



Charger



Paper rolls



Jelly bottle

## ALLENGERS OTHER PRODUCTS

- **CARDIOLOGY** : - Tread Mill Test (TMT) - Multipara Monitor (MPM) - Electrocardiogram (ECG 12 CH)  
- Cathlab Fixed/Mobile
- **NEUROLOGY** : - Electroencephalograph (EEG) - Electromyograph (EMG) - Polysomnograph (PSG)
- **UROLOGY** : - Holmium Laser System - Lithotripter (E.S.W.L.)
- **RADIOLOGY** ■ **ORTHO & GASTRO** ■ **HEALTHCARE IT SOLUTIONS**

MANUFACTURED & MARKETED DOMESTICALLY BY :

**ALLENGERS GLOBAL HEALTHCARE (P) LTD.**

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Please visit [www.allengers.com](http://www.allengers.com) for more information Toll Free No. 1800-266-8800 (India)

For detailed technical specifications, please refer to the respective product data sheets / quotation.

Due to continuous product improvements, specifications and appearance are subject to change without prior notice.