

# DCA-3902series

2 CHANNEL DIGITAL CLINICAL AUDIOMETER



- ◆ Pure Tone Audiometry ◆ Speech Audiometry
- ◆ Masking ◆ Special Tests

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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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

ATL DCA-3902 series is a 2 channel pc based audiometer, allowing multiple signal routing options utilizing cutting edge sound processing and sound generating technology. The software offers various fast and reliable audiometry methods.

## ►► Features

- Air conduction Audiometry (125-8000Hz)
- Bone conduction Audiometry
- Speech Audiometry with live/inbuilt word list
- FF Audiometry (optional)
- Talk back/Talk Forward (optional)
- Normal,Pulsed, Continuous and Warble Tone
- WBN/NBN Noise Masking
- Synchronize Tone and Masking Facility
- Automatic scoring of PTA & Speech score(SDS)
- Light weight/Space saving design
- Data Base
- Special Tests:- ABLB,SISI,DECAY TEST,BEKESY



Speech Test



Tone Decay Test



Bekesy Test

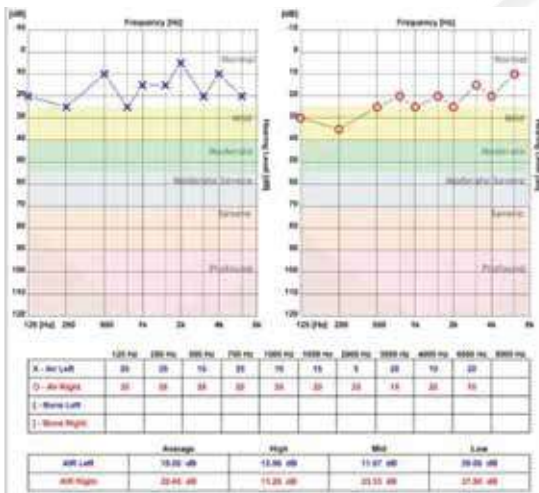


SISI Test

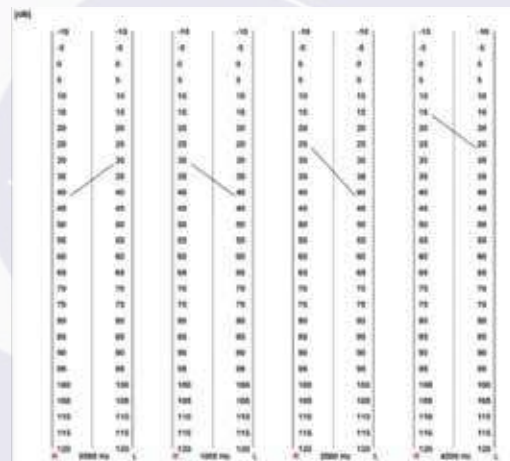


- ◆ Portable and Light Weight
- ◆ USB Powered and PC Based
- ◆ Easy to Carry
- ◆ Ideal for Camps

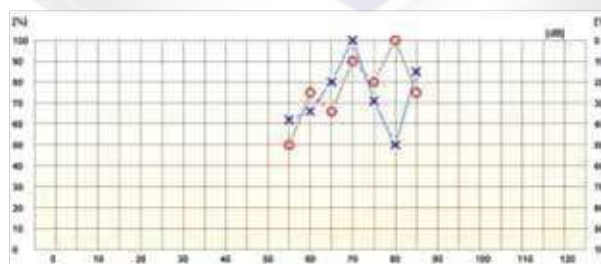
►► **Audiometry Reports**



Audiometer



ABLB Test



Speech audiometer

## ►► Technical specification

DCA-3902series: Clinical 2 channel Audiometer (EN 60645-1)

Type 2 A-E (EN 60645-1-EN60645-2)

Type 3 A-E (EN 60645-1-EN60645-2)

No of Channel:- 2

Tone:- Normal, Pulsed, Continuous, Warble (Frequency Modulated 5% rate 5 Hz)

Frequency Range:-

- Air conduction 125-8000Hz
- Bone Conduction 250-8000Hz
- Free Field 125-8000Hz
- Power Supply Thru USB port

## ►► Intensity Range (Pure Tone)

- TDH 39 120db HL/95db (NBM)
- Insert Phone ER3A 115 db HL/95db (NBM)
- B71 75db
- FF 100db HL/95 db HL

## ►► Intensity Range (Speech Audiometry)

- TDH 39 100 db HL/95db HL (SN-WN)
- Intensity Range 3A 100 db HL/95db HL (SN-WN)
- FF 100 db HL/95db HL (SN-WN)

## ►► Special Tests

- ABLB
- SISI with increment 1-2-3-4-5db
- DECAY Test
- BEKSEY
- STENGER Test

## ►► Mechanical data

- Dimensions : 8.8(w) x 18.8(d) x 2.5(h) in cms
- Weight : 160g

## ►► Standard Kit with Accessories

- Audiometer Unit
- Head phone TDH 39
- Radio EAR B.71 bone vibrator
- Patient response switch
- USB cable
- Software CD
- Carrying Case



## ▶▶ **Optional Upgrades**

- To High Frequency Audiometry (upto 20,000 Hz)
- Free Field Audiometry

## ▶▶ **Optional Accessories**

- Insert ear phone ER-3A
- Operator microphone
- Head phone HDA 200 (only for HF version)
- Talk back/ Talk forward microphone.

## ▶▶ **Minimum Computer Configuration - Required**

- Processor : Intel Core2Duo or higher
- RAM : 2 GB or higher
- HDD : 80 GB hard disk or higher
- CD/DVD Optical Drive for Installation/CD Writing feature
- USB Port/Serial Port for machine interface
- Printer : any window compatible printer.
- OS : Windows 7(Service Pack 1)/ Windows 8
- SQL Server 2012 Express

## ▶▶ **CHOICE OF TRANSDUCERS**



TDH 39 Headphones



Radio Ear B71 Bone Vibrator



ER 3A Insert Ear Phone

## 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 DETOXIFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

## Reach us @



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