Catalogue.

SCHOOL

one step.

ahead of the others.

Tecnilab Group
european
technology

Tecnilab Group
european technology

technology made easy

HIGH TECHNOLOGY SINCE 1970

40 YEARS CREATING TECHNOLOGY FOR SCHOOLS

SINCE 1970 WE IMAGINE AND CREATE THE FUTURE
A leading company in the field of advanced technologies, which led the " Made in Italy"
at international level, for those like us who believe in their work and transforms ideas
into reality. Since 1970 we produce a true communication in the learning/teaching envi-
ronment, providing functional and simple tools through a constant R&D and the utmost
professionalism.

CONCEIVED, DESIGNED AND MADE IN ITALY.
For 40 years, Tecnilab has designed and produced the best multidisciplinary and lan-
guage labs in the world. Our designers and engineers are constantly looking for quality,
simplicity and innovation. Our goal is to simplify the work of teachers.
Tecnilab learning laboratory products for teachers are born from the experience of over
40 years. They are reliable, intuitive, designed to satisfy any technical requirement.
Whether this requirements relates to software to be integrated into your own computer
lab, or necessitates an entire computer network or actual language lab, Tecnilab has the
right answer for you.

ISO 9001 PRODUCTION STANDARDS GRANTED
Tecnilab operates a complete control over every step of the manufacturing process. Fur-
thermore, all our company departments, such as the administrative, the accountancy and
sales offices, all fall within precise quality standards.

MADE IN ITALY

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teaching laboratory

LANGUAGE LABORATORY
IDL Audio Active

IDL
aa

BASIC AUDIO LANGUAGE LAB

· Listening to an audio source, listening and comprehension exercises.
· Talking / Speaking (with or without recording in the teacher master position) (one at a time).
· Oral examination (with or without recording in the teacher position) (one at a time).
· Using the video network (optional): listening and watching an external video source: DVD, Satellite, teacher's PC, etc.

Hardware

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new technologies for learning/teaching languages

DIGITAL LANGUAGE LABORATORY
IDL

IDL aac

IDL AAC SIMPLE, MODULAR AND PC-FREE

- Listening to an audio source, listening and comprehension exercises.
- Talking / Speaking, (with or without recording) on the student digital panel which has two separate master/ student tracks, reading exercise, pronunciation exercise, model imitation, simultaneous translation, consecutive translation, telephonic-type conversation, summarising and/or commenting.
- Oral examination (with or without recording).
- Student learning process control: Multiple-choice quizzes or true/false quizzes.
- Audio on demand / learning: free audio track choice, student track saving on USB pen drive or MP3 Player, with home virtual recorder to continue practising at home.
- Using the video network (optional): listening to and watching an externally-sourced video: DVD, satellite, teacher's PC, etc.

Hardware

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Open your mind, learn today!

**LANGUAGE LABORATORY
IDL digital mobile**

IDL
mobile

THE LANGUAGE LAB BECOMES PORTABLE

These days it is not always possible to have a fixed space dedicated to the language lab, for this reason Tecnilab has designed Idl Digital mobile system, which maintains the same characteristics and quality of the standard product, but can be adapted to a changing environment from time to time. It is composed of two robust mobile carts with ample space, allowing you to allocate all the items necessary for the laboratory: teacher's computer (laptop), audio and data system connections, headphones and digital recorders for students.

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Tecnilab, the way to learn

MULTIMEDIA LANGUAGE LABORATORY IDM Premium

idm premium

BUILDING SCHOOLS FOR THE FUTURE

IDM PREMIUM is a multimedia educational network designed to make teaching more dynamic in the laboratory thanks to the simple, effective and rational use of new communication technologies. The IDM PREMIUM teaching network is a reliable tool for multidisciplinary education and is suitable for all teaching practices, whatever the media used (audio, video, data).

User friendly, it allows teachers to use the educational material at their disposal whilst offering the option to integrate them into interactive media, such as CD-ROMs, DVDs, Satellite TV, Internet, video conferencing, etc.

IDM PREMIUM is strictly network hardware concerning the management of analogue audio-video. The dedicated equipment is connected outside the personal computer and is totally autonomous in terms of power and communication.

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40 years creating technology for schools

MULTIMEDIA LANGUAGE LABORATORY IDM C.A.L.L.

(Computer Assisted Language Laboratory)

NEW TECHNOLOGIES FOR LANGUAGE LEARNING IN LABORATORY

Tecnilab has been a leading name in the educational field since 1972, is proud to presents a new specific tool for a learning/teaching environment. IDM C.A.L.L. has been specifically developed for language learning; it can be rightfully defined as being a laboratory tool as the learning activities are totally controlled and guided by the teacher directly from the teacher's work station, without interferences, and in a priority way. Idm C.A.L.L. is a dedicated system, student's unit are closed and inaccessible, power ON and OFF operation is completely managed by the teacher, as well as all the activities that the unit is able to perform. Each task that occurs in the lesson is automatically monitored and recorded by the teacher, as well as any exercise can be saved and retrieved at a later time. The dedicated units together with the total control offered by Tecnilab makes this new product line, an efficiency working tool for teaching / Learning in the laboratory. It is important and a priority for the teacher leading the lesson and act in any time as real moderator and coordinator.

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high quality audio - video

IDM
hd

**MULTIMEDIA LANGUAGE
LABORATORY
IDM HD**

PROFESSIONAL DIDACTIC NETWORK VIDEO FULL HD - AUDIO HI-FI

- Hardware system in the video/audio structure for digital/analogue communication.
- 100% independent from software and operating system used.
- Full HD video quality (high-definition). Real-time transmission in digital, not compressed, resolution up to 1920 x 1200.
- Compatibility in the vision and management of 3D movies.
- Compatibility with all the digital connections (DVI, HDMI, Mini – HDMI, Display port, etc.).
- Hi-Fi quality audio in real-time not compressed.
- Ensure audio/video functionality and signal quality in large laboratories with many users.
- Full integration of the following support: CDROM, DVD , Satellite TV, Internet, Video conference, Laboratory's microscopes HD, Video camera

- HD, etc....
- Highest security for all activities.
- Four grouping work totally separated and independent on all the possible activities without conditions.
- Completely independent audio/video functions.
- User software interface friendly, available in 8 languages.
- Virtual class re-production, with dynamic and interactive graphics.
- iPad compatible (to manage the lab).
- Students can listen to their own recordings on the iPhone and iPad

The Apple logo, I-Phone, I-Pad, I-Pod and Apple store are trade mark of Apple Corporation USA.

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digital technology „Made in Italy"!

TRAINING ROOM
IDM HD

IDM
hd

FLEXIBLE TEACHING....

SUCCESSFUL LEARNING!

SYSTEM DESIGNED FOR CORPORATIONS WITH PROTECTED STRUCTURE

Full HD
and more
1080p

PROFESSIONAL COMMUNICATION IDM HD

It's a reliable and professional training system that is supporting ambitious projects for schools and businesses: small/medium/large companies, research centres, universities, vocational and training institutes, etc...

IDM-HD

- operates with high video resolution up to 1920 x 1200 and high-quality audio.
- is totally independent from any existing hardware/software
- is totally compatible with all video/audio equipment
- is the sole system and does not use compression audio/video in order to work with indent precision and reliability.
- is for those who need a professional and reliable tool.

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Tecnilab, the way to learn

MULTIMEDIA NETWORK
IDM Tclass

IDM Tclass

COMPUTER CLASS-ROOM SOFTWARE MANAGEMENT WITH LINGUISTIC ACTIVITIES

IDM Tclass computer classroom management software helps teachers' teaching in a networked computer classroom. IDM Tclass is very easy to use and offers a rich set of functions that enable teachers to broadcast, control, communicate, monitor or collaborate with students individually or as a group, so every student gets the most out of class time.
Audio communication with the VoIP technology, and with the virtual digital recorder, many activities for language learning/teaching can be carried out.

Software

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say good morning in all the languages of the world

LINGUISTIC AUTHOR SOFTWARE
Testing Skills

testing skills

BE THE AUTHOR OF YOUR OWN MULTIMEDIA DIGITAL CONTENTS

- Listen to an audio file
- Listen and view an video file
- Reading exercise
- AAC practice using comparison with model track
- AAC practice using comparison of student tracks
- Simultaneous translation
- Comparative simultaneous translation
- Reading exercise
- Comparative reading exercise
- Listening comprehension
- True/false or multiple-choice written test
- Dictation
- Missing word or easy dictation
- Mixed words
- Free writing exercise
- Written translation
- Written composition
- Free mode

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multimedia system for scientific laboratories

MICROLAB SYSTEM
IDM HD

IDM hd

MICROSCOPE LAB

IDM HD is a reliable and professional training tool, designed to aid teachers and students in scientific training laboratories and is suitable for microscope laboratories. With a simple 'touch' the teacher can transmit images and communicate with the work stations.

IDM HD transmits video/audio signals with original quality without compression or delay.

PRINCIPAL CHARACTERISTICS

- Hardware system in the video/audio structure for digital/analogue communication.
- 100% independent from software and operating system used.
- Full HD video quality (highdefinition).
- Real-time transmission in digital, not compressed, resolution up to 1920 x 1200.
- Compatibility in the vision and management of 3D movies.
- Compatibility with all the digital connections (DVI, HDMI, Mini – HDMI, Display port, etc..).
- Hi-fi quality audio in real-time, not compressed.

- Ensure audio/video functionality and signal quality in large laboratories with many users.
- Full integration of the following support: CD-ROM, DVD, Satellite TV, Internet, Video conference, Laboratory's microscopes HD, Video camera HD, etc....
- Highest security level guaranteed for all activities.
- Four grouping work totally separated and independent on all the possible activities (see 'Functions and Activities') without limit conditions.
- Completely independent audio/video functions.
- User software interface friendly, available in 8 languages.
- Virtual class reproduction, with dynamic and interactive graphics.
- iPad compatible (to manage the lab).

Hardware

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think about the future, learn today!

DENTAL LAB
IDM HD

DENTAL LAB

IDM HD is a reliable and professional training tool, designed to aid teachers and students in dentistry training laboratories.
With a simple 'touch' the teacher can transmit images and communicate with the work stations. IDM HD transmits video and audio in original quality without compression or delay.
Quality video in full HD and hi-fi quality audio.

DENTAL LABORATORY WITH 42 SIMULATION WORK STATIONS AT UNIVERSITY HOSPITAL HEIDELBERG

In a number of dental labs at University Hospital Heidelberg, dentists are being trained on simulation work stations. Each simulation work station is equipped with a computer and a monitor.
In addition the lab is equipped with large displays. To improve the high-quality education, a multimedia-system has been installed. Screen images of the instructor's PC, of a microscope camera, or of an additional inter-oral camera can be transmitted in real-time to the work stations and displays. At the same time sound can be transmitted from a microphone to headphones and/or loudspeakers. Optimium visibility conditions on each work station can be assured in this way. Various didactical functions support the instructor in his lesson.

Hardware

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Tecnilab make it easier

FURNITURE
Series 60 - 61

Round student desk RR60
R. mm.1000 (four desks island R. mm 2000)

Single student desk BA61B
Dimensions: mm.1050x780x750h

Double student desk BA61C
Dimensions: mm.1500x780x750h

The Series 60-61 workstations provide a horizontal design for writing, without holes, grooves or protrusions. The housing of the monitor is on an inclination positioned at the rear of the workstation, thus allowing the student to use a free work surface area; the keyboard and mouse can be placed on the same surface or on the extractable keyboard draw. The workstations can be perfectly combined to form larger work surfaces without leaving empty spaces between them.

Teacher master desk BR40
Dimensions: mm. 2005x930x750h

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creative technology

FURNITURE
Series 95

Single student desk BA95B
Dimensions: mm.780x630x750h

Single student desk BA95/PV
with bulkhead and glass in front
Dimensions : mm. 780x630x750h work surface,
partition mm.122h

Double student desk BA95C - BA95D
BA90C - Dimensions: mm.1400x630x750h
BA90D - Dimensions: mm.1600x630x750h

The structure of the series 95 workstations is completely wood without the use of metal parts. The writing surface is horizontal, without holes, grooves or protrusions.
The compartment housing the cables and equipment is located below the work surface

Angular connection
RA95(45°/90°)

Master desk BR95
Dimensions: mm.1750x750x770h

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building schools for the future

FURNITURE
Series TD20

Round student desk TD20R

R. mm.600 (four desks island R. mm 1200)

Single student desk TD20S

Dimensions : mm. 600x530x750h

The whole structure of the TD 20 desk is made in wood.
The write board is horizontal, free from holes, grooves or protrusions.
The TD 20` series desk is specifically designed for Netbook, Notebook and Tablet. These desks are featured inside with a pouch divided into dedicated compartments. This allows to put in charge and secure each device.
The upper surface can be locked and the locking system is controlled by the teacher. The compartments pouch can contain both the power supply and the laptop. All these aspects aim to ensure order and efficiency.

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Think about the future, learn today!

HEADPHONE
HP 2010

The Tecnilab headphone and its' accessories has been designed in order to be used in the laboratory with computerized equipment.
The Tecnilab headphone HP2010 is professional product, which is hard wearing and show a high level of reliability to all those who study and work hard in the laboratory.
The Tecnilab headphone is full of clever devices which guarantee a working continuity and a smooth operation.

The inner structure of the headphone is made of steal and covered in foam and plastic, which allows a good fitting.

A microphonic arm made of steel and covered in rubber.

Cursor to adjust height and position.

A magnetic transducer with a flat membrane for professional use.

A unidirectional microphonic capsule that can be positioned for use in a laboratory, where there is a high magnetic field.

A sixpin minidin connector, which allows the disconnection of the headphones from the system network, without needing to rearrange the desk or worse, the computerized equipment.

An extendable and retractable cable. It can reach to 192cm, when fully extended.

Volume control.

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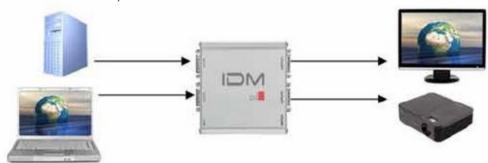## splitter - switches and signal amplifiers

IDM DVI SPLITTER

HIGH QUALITY RESOLUTION

TECHNICAL FEATURES:

- Resolution up to 1920 x 1200 @ 60Hz
- HDTV 1080p
- Max. pixel clock 165 MHz
- Max. DVI Bit Rate 1.65 Gbit/sec.
- Input DVI-I (Dual Link) socket
- Output DVI-I (Dual Link) socket
- Aluminium box
- 24-month warranty

Full HD and more

High Quality

Made in Italy

Hardware

Tecnilab Group
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Tecnilab make it easier!

ACCESSORIES

VIDEO CONVERTER

VIDEO PRESENTER 135 CP

MULTIMEDIA INTERACTIVE BOARD

HIFI DECK

DVD PLAYER

VIDEO PRESENTER 350

NETBOOK

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