

HVAC - THERMAL ENGINEERING

1

1. SANITARY
2. THERMAL
3. REFRIGERATION
4. AIR CONDITIONING
5. RENEWABLE ENERGIES

TEACHING EQUIPMENT DESIGNER & MANUFACTURER

PRODUCTION ACTIVITIES

2

1. PRODUCTION LINES
2. PLURITECHNOLOGICALS EQUIPMENTS
3. MECHANICALS SYSTEMS
4. DIAGNOSIS AND ADJUSTMENT

TEACHING EQUIPMENT DESIGNER & MANUFACTURER

FLUIDS MECHANICS

3

1. FLUIDS DYNAMICS
2. PUMPS STUDY
3. OPEN CHANNEL
4. TURBINES
5. ORIFICE FLOWMETER-VENTURI
6. AIR FLOW
7. WATER HAMMER
8. VISCOSIMETER
9. UTILITIES

TEACHING EQUIPMENT DESIGNER & MANUFACTURER

MESUREMENT-REGULATION-DETECTOR

4

1. MESUREMENT
2. REGULATION
3. DETECTOR

TEACHING EQUIPMENT DESIGNER & MANUFACTURER

THERMODYNAMICS

5

1. TURBINES
2. RADIATION
3. ENGINES
4. EVAPORATION CONDENSATION
5. THERMICALS EXCHANGE
6. THERMODYNAMICS
7. CONVECTION
8. CONDUCTION
9. COMPRESSOR

TEACHING EQUIPMENT DESIGNER & MANUFACTURER

PROCESS ENGINEERING

6

1. FOOD PROCESSING
2. WATER TREATMENT
3. CHEMICAL ENGINEERING

TEACHING EQUIPMENT DESIGNER & MANUFACTURER

HYDRAULIC

7

1. MODULAR HYDRAULIC LEARNING UNIT WITH OIL LAMP
2. MACHINES OF HYDRAULIC PRODUCTIONS WITH OIL
3. ACCESSORIES OF THE RANGE HYDRAULIC WITH OIL
4. BENCH OF STUDY AND OF MAINTENANCE OF HYDRAULIC WITH WATER

TEACHING EQUIPMENT DESIGNER & MANUFACTURER

PNEUMATIC

8

1. LEARNING MODULAR UNITS
2. DEDICATED TRAINING POSITIONS

TEACHING EQUIPMENT DESIGNER & MANUFACTURER

ELEVATORS

9

1. MODULAR ELEVATOR
2. TECHNOLOGY KITS
3. STUDY SYSTEMS

TEACHING EQUIPMENT DESIGNER & MANUFACTURER

APPLIED MECHANICS

10

1. CHARACTERIZATION OF MATERIALS AND STRUCTURES
2. ELECTRICAL AND CONTROL SYSTEM
3. MECHANICAL OSCILLATORS
4. SOLID STATE PHYSICS AND MECHANISM

TEACHING EQUIPMENT DESIGNER & MANUFACTURER



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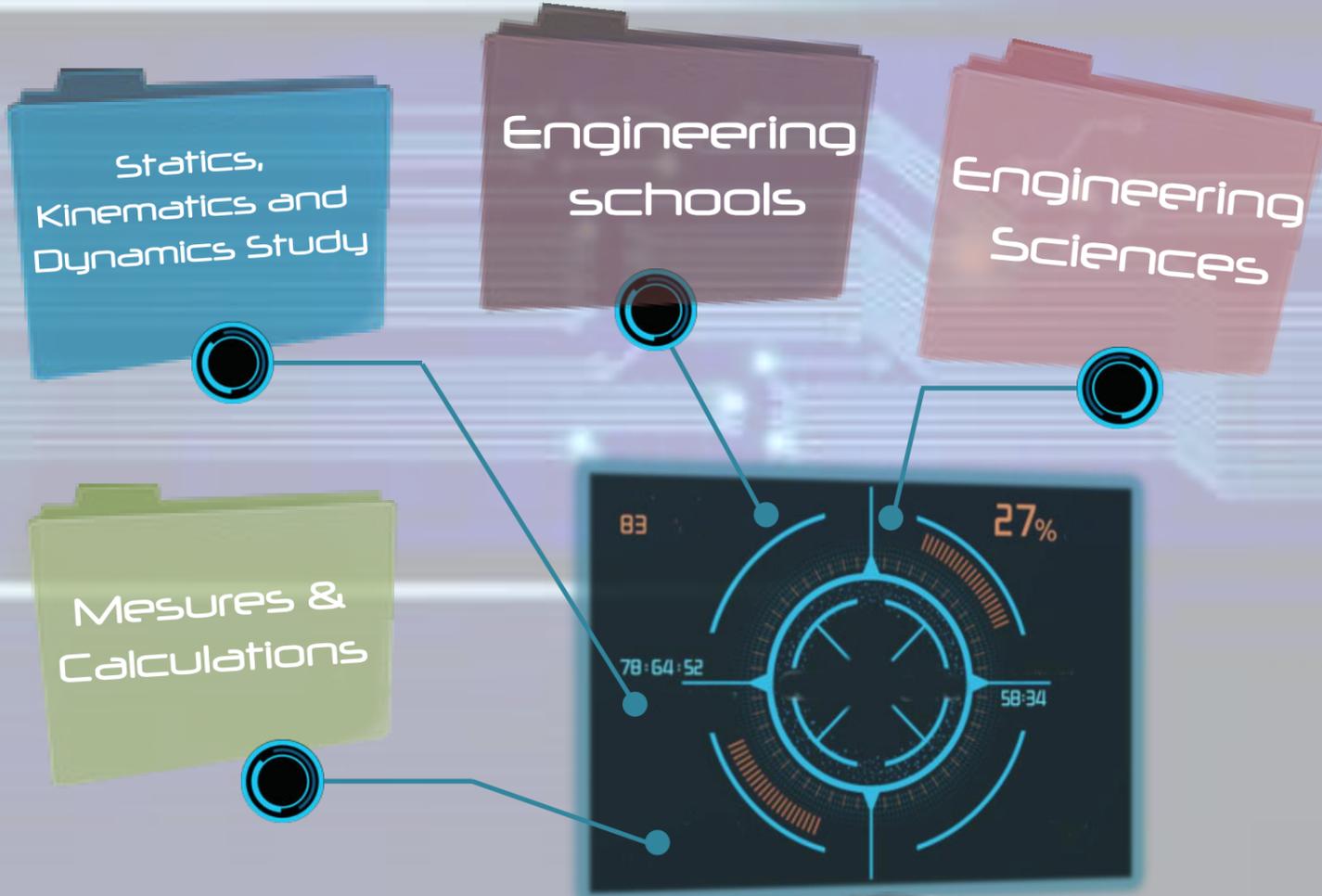
Z.A du Parc • Secteur Gampille • 42240 Fraisses • FRANCE
 Tél. +33 (0)4 77 10 10 10 • Fax +33 (0)4 77 61 56 49
 service_commercial@didatec-technologie.com

www.didatec-technologie.com



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 APPLIED MECHANICS RANGE



VEL 200 PEDAGOGICAL BICYCLE



Static study
kinematics and dynamics



Transmission ratio
Adjustable

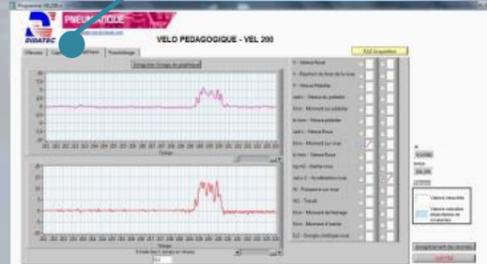
Perception of physical phenomena and
their scientific expression

It helps to understand, through the
measurement of physical quantities as
varied as pedaling speed, wheel speed,
transmission ratio, moment on pedal,
moment on wheel, braking moment,
moment of inertia, acceleration of the
wheel, instantaneous power, work, kinetic
energy, statics phenomena, kinematics and
dynamics

Computerized
data acquisition



Measures
Sensors
Graphic
Configuration



Adjustable braking



Interchangeable
Inertia flywheel

calculations
Measures and



- Speed
- Acceleration
- Reaction
- Power
- Moment
- Inertia

Connection on USB port

- Sensor technologies
- Encoder
 - Tachogenerator
 - Strain gauge sensor

All our machines are delivered
with:

- Instruction manuals
- Technical file
- Practices work manual
- Training manual
- CE certificate of conformity

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