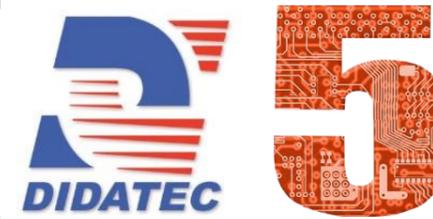


THERMODYNAMICS



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

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 UAH
- 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

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TEACHING EQUIPMENT DESIGNER & MANUFACTURER

THERMODYNAMICS RANGE



TURBINES



Steam turbine
TVT 5KW

Action turbine
TAA 100

Gas turbine unit two shafts
TGT 1,5 KW

THERMICALS EXCHANGES



Bench study of 3 exchangers
BET 100

Thermal exchanges viscous water fluids
BET 016

Bench of mono tubular thermal exchanges
BET 010

- Bench of thermal exchange mono tubular
- Viscous fluid water
- Bench study of 3 exchangers

RADIATION-CONVECTION-CONDUCTION

- Radiation study bench thermal and luminous
- Free and forced convection
- Transmission of heat



Study of thermal radiation
PBR 010

Free and forced convection
PTC 060

Study bench of heat transmission
PTC 100

EVAPORATION-CONDENSATION

- Boiling demonstration bench
- Study bench of condensation



Demonstration of boiling
PBE 010

Study bench of the condensation
BEC 010

COMPRESSORS - ENGINES

- Combustion engines test bench
- Air compressors test bench and study of a diaphragm



Test bench for combustion engines
TMT 400

Two-stage compressor of air and study of diaphragm
PCB 100

Air compressor test bench
PCB 050

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