

Mechanical Engineering Laboratory in Algeria

EUROTEST (Universal Testing Machine) with high temperature furnace

Customer: Centre Technique des Industries Mécaniques (CTIME), Ministry of Industry and Mines

Country: Algeria

Sector: Research / Metallurgical Industry / Oil & Gas Industry



1. Introduction

IBERTEST has supplied the Mechanical Testing Laboratory consisting of several test systems defined by the Algerian Ministry of Industry and Mines (Ministère de l'Industrie et des Mines – MIM) Programme d'Appui à la Diversification Industrielle et au Climat des Affaires (PADICA), with the financing of the European Commission for Industrial Development Projects.

This official laboratory consolidates IBERTEST as a reference in Algeria with innovative test systems and is the latest to be already supplied by IBERTEST to other clients in the Maghreb.

Among the systems manufactured and supplied, EUROTEST 600 deserves special attention.

The supplied EUROTEST 600 is an electromechanical testing machine for tensile, compression, bending, shear and many other tests (general purpose) on metallic and non-metallic specimens. Standard model EUROTEST 600 is generally employed for tests at room temperature. In this case, IBERTEST supplied an EUROTEST machine with a high-temperature furnace for creep tests which can reach up to 1300°C.



EUROTEST 600 with high temperature furnace with its control system (left) and PC with software for machine (right, attached to machine frame).



Detail of high temperature furnace with contact extensometer.