



**Edinburgh  
Regional  
Computing  
Centre**

# User Note 24

(May. 1983)

Title:

MINITAB on EMAS 2900

Author:

Helen Talbot

Contact:

Advisory Service

Software support  
Category: C

## Synopsis

MINITAB is a widely available statistical language suitable for many types of analysis. It is particularly suited to users with little knowledge of computing. This User Note describes how to access it and the support provided by Edinburgh Regional Computing Centre. It contains details of special EMAS 2900 related information.

## Keywords

Multiple linear regression, non-parametric statistics, probability distributions, plots, stem and leaf plots, random number generators, tabulation, time series.

## Introduction

Minitab is a widely used language with a wide range of statistical techniques including:

1. Plots, histograms, stem and leaf plots.
2. Correlation.
3. Multiple linear regression.
4. Tabulation.
5. Time series.
6. Simple analysis of variance.
7. Matrices.
8. Random number generators.
9. Probability distributions.
10. Non-parametric statistics.

The version now in service is 81.1

## Using The Package

As with all packages mounted by the Program Library Unit, users should issue the EMAS command:

```
OPTION(SEARCHDIR=PLULIB.PACKDIR)
```

This needs only to be issued once.

To access the package the user should then issue the command:

```
MINITAB(PARAMETER=REPLY)
```

where the possible PARAMETERS and their REPLY are given in Table 1. If the package is to be used interactively then PARAMETERS should not be used. Only those parameters required need be entered.

All commands within Minitab must be entered in upper case since lower case in Minitab is not valid in release 81.1.

Table 1

Parameter Prompt	Parameters for the MINITAB program	
	Default	Reply
Control	Console .IN	File name for control file containing instructions for MINITAB
Listing	Console .OUT	Output from the program. This may be directed to a printer by typing .LPnn where nn should be replaced by the local printer number
Workspace	10000	The amount of storage set up by the program for the 'worksheet'. This parameter is not required by most applications.

## Documentation

The Minitab Reference Manual may be obtained from the Program Library Unit, JCMB, The King's Buildings, Edinburgh.  
The Minitab Student Handbook must be ordered from the publishers at the following address:

Duxbury Press  
North Scituate  
Massachusetts  
USA

A reference card for Minitab may be obtained from ERCC Advisory, Room 3205, James Clerk Maxwell Building, The King's Buildings.

The 'Help' facility within the package is very comprehensive and may be accessed by typing HELP after MINITAB.