EDUCATIONAL COMPUTER SYSTEM

POLYCORP N.Z. LTD.,
P.O. BOX 3090,
WELLINGTON,

PHONE: 736-072
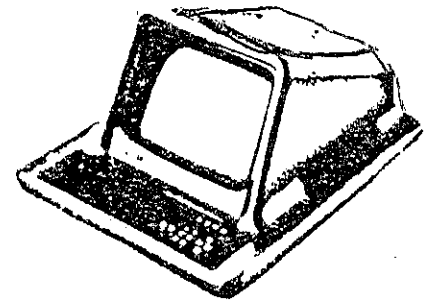
POLYCORP

EDUCATIONAL
COMPUTER SYSTEM
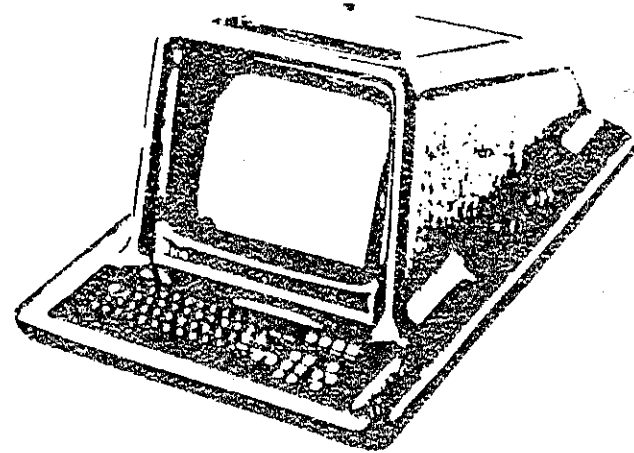
THE POLY SYSTEM HAS BEEN DEVELOPED
IN NEW ZEALAND TO FULFIL TWO MAJOR
ROLES IN NEW ZEALAND SCHOOLS

- TO HELP STUDENTS TO ADAPT TO
  AN INCREASINGLY COMPUTER
  ORIENTATED WORK PLACE

- TO PROVIDE A POWERFUL TEACHER
  SUPPORT TOOL THAT CAN BE USED
  ACROSS A BROAD RANGE OF
  SUBJECTS

POLYCORP

EDUCATIONAL COMPUTER SYSTEM

BRIEF HARDWARE SPECIFICATIONS

PROCESSOR
- 6809 CPU
- 64K Dynamic Memory
- 2K Static Memory
- 4K System Prom
- 16K Basic Prom
- Memory Management Unit
- User Interface
- Programmable Timer
- Network Interface

KEYBOARD
- Full upper/lower case with caps lock
- Four cursor control keys
- Numeric keypad
- Editing keys
- Calculator/Help key

VIDEO DISPLAY
- 35 cm colour display
- Range of Screen Formats:
    Dual 40 Column by 24 line text   - 8 colour
    Single 80 Column by 20 line text - 8 colour
    Single 480 x 204 Pixel graphics   - 8 colour
    Dual 240 x 204 Pixel graphics   - 8 colour
    Screens may be displayed singly or in a
    range of combinations using mixing or over-
    laying.

COMMUNICATIONS
- Network   Fully automatic serial ring using
               HDLC format.
- User Port   Serial, bidirectional link using
               optical isolation.

CABINET
- Two piece moulded fibreglass. The design is
  such that there are no holes for external
  access of dust and moisture, cooling is by
  natural convection.

POWER SUPPLY
- Input $230 \pm 13\%$ volts AC 50 Hz.

TEMPERATURE RANGE
- 0°C to 40°C Ambient

WHAT IS THE POLY SYSTEM?

The Poly System is a network of extremely
versatile computers that share a single disk
storage unit and printer.

The network is fully automatic and may contain
any number of Poly units between one and sixteen.
No special operator skills are needed for
setting up or operating the system.

WHY WAS THE POLY SYSTEM DEVELOPED?

Throughout the world there is a growing aware-
ness of the important role that computers are
beginning to have in education. It is essential
that we prepare children for life in a world of
technology. For some of them computers will be
a vocation; for some, computers will be an
essential tool that they use in some other
vocation; and for many, computers will be seen
as an influence on their lives that they will
have to learn to live with.

By providing suitable computer equipment to
schools all three of the above groups can be
catered for. The vocational interests of the
first two groups are satisfied by providing
appropriate computer studies and the needs of
the last group can be met indirectly by using
the computer as a teaching aid in general study
areas. The Poly Educational Computer System
has been developed in New Zealand specifically
to meet these needs.

ACTIVITIES THAT CAN BE PERFORMED ON THE SYSTEM

- drill and practice
- simulation
- computer aided learning
- computer aided instruction
- games
- student evaluation
- class records
- school administration

COURSEWARE

The courseware available sets new standards for
courseware on computers. It is designed for
simplicity of use, robustness, and through a
combination of colour, diagrams and animation,
provides a valuable aid to the teacher which is
stimulating, visually attractive and educational
to the pupils. Throughout all courseware consist-
ent presentation standards are maintained. This
has been achieved through the use of powerful
aids for the generation of the programs. All
courseware embodies the highest professional
software standards.

FOR FURTHER INFORMATION ON THE

POLY EDUCATIONAL COMPUTER SYSTEM

PLEASE CONTACT:

SALES CO-ORDINATOR,
POLYCORP N.Z. LTD.,
P.O. BOX 3090,
WELLINGTON,
NEW ZEALAND

PHONE: 736-072 WELLINGTON