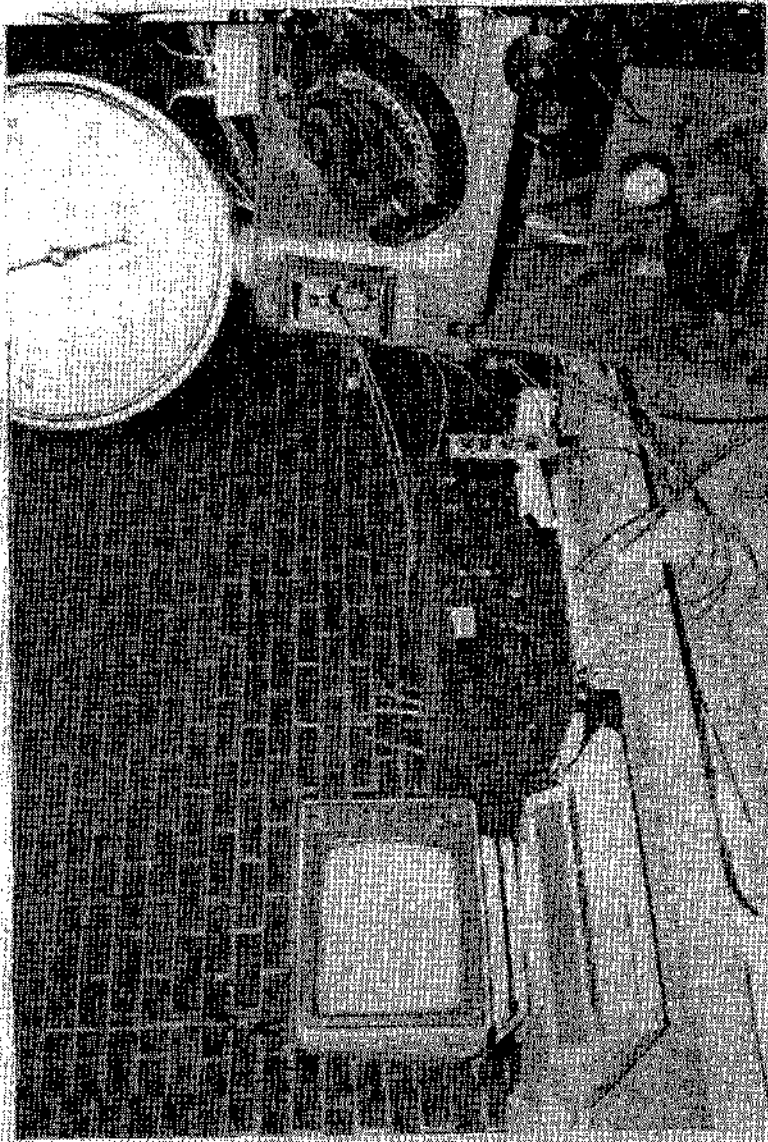
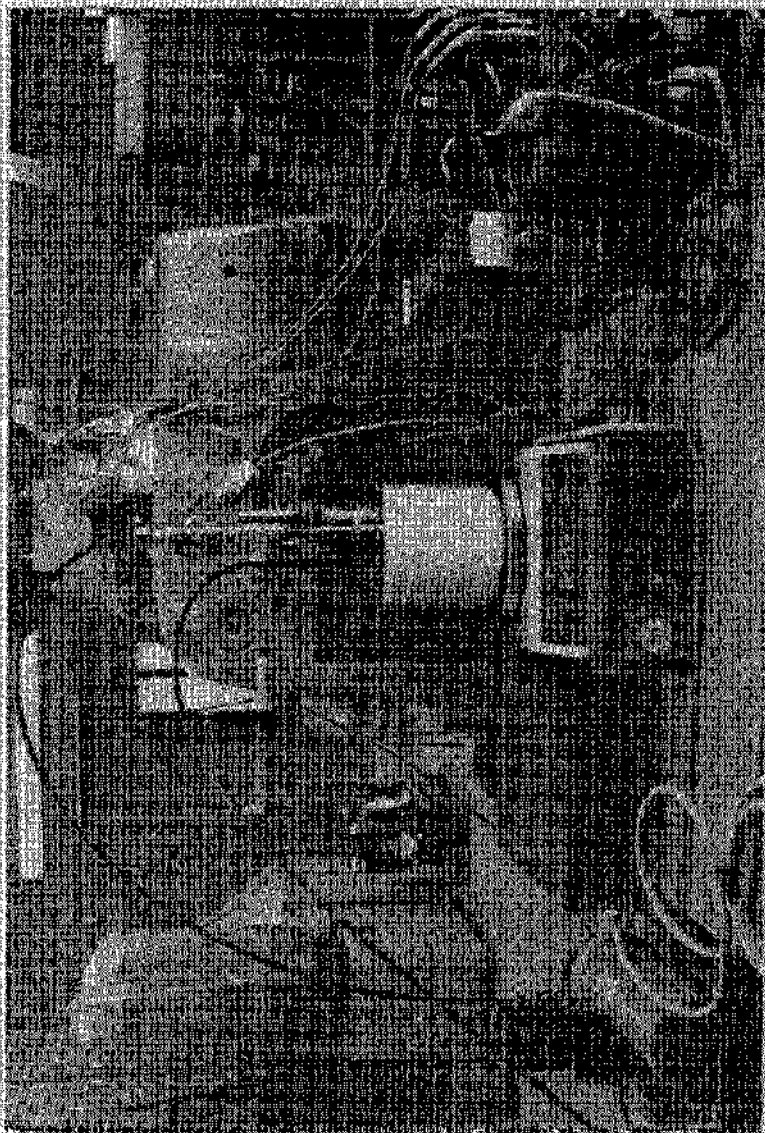


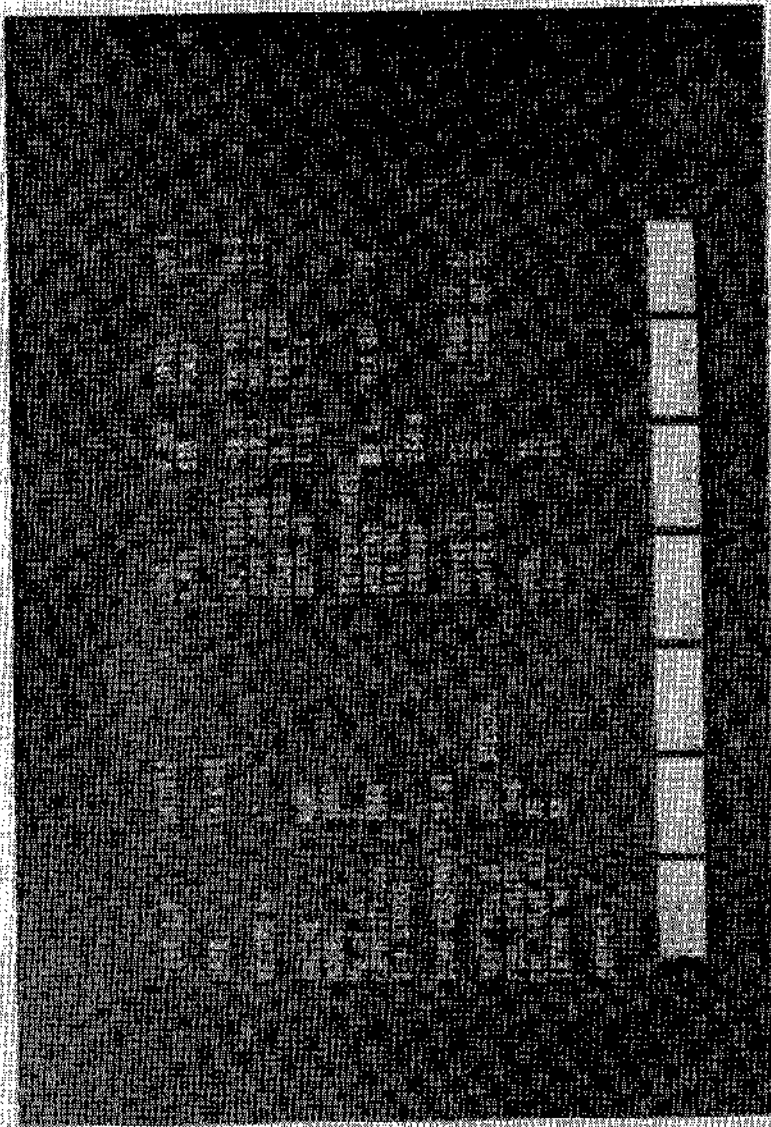
Ph.C.1 - An overall view of the diesel engine test bed and fuel evaluation test equipment as used for this UNIPQ project. Photograph shows the data acquisition and control computer and the other instrumentation sitting on the hot air box, at left, the dynamometer, centre and the diesel engine to the right.



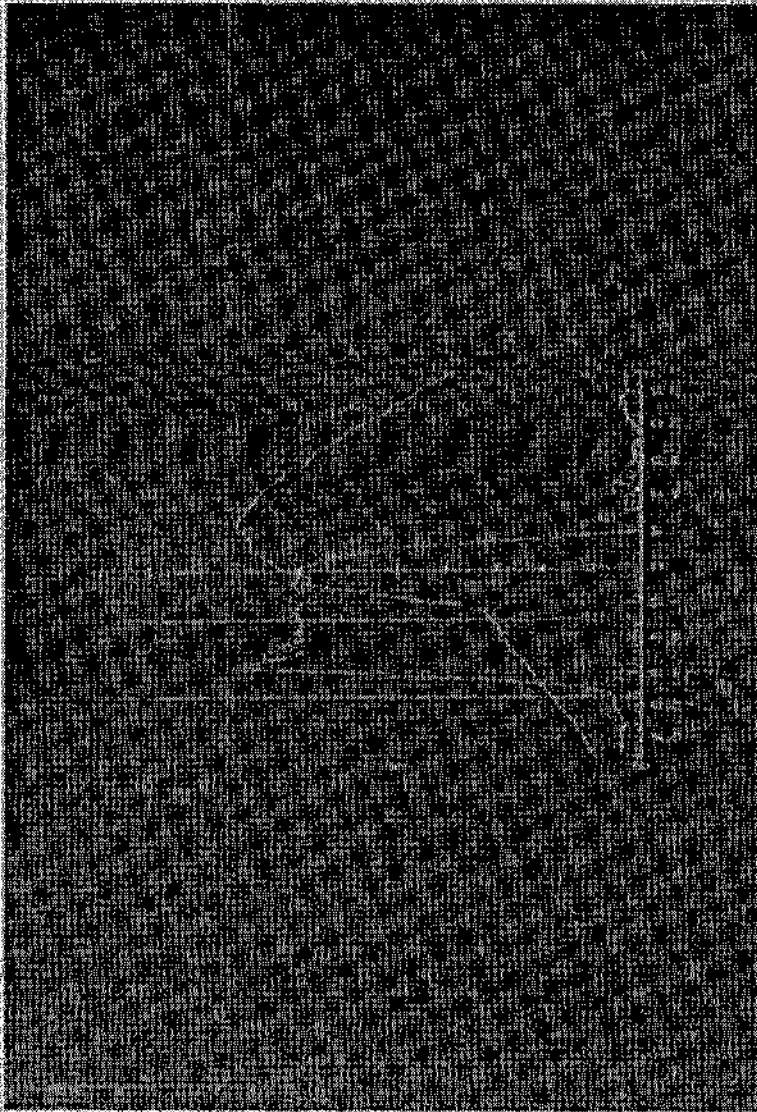
Ph.C.2 - Close up view showing the Hewlett Packard 86B computer and the Apax Research Ltd interface (black box) with the dynamometer partially visible on the right hand side.



Ph.G.3 - Fuel mass measurement system- showing a 2 litre glass beaker containing emulsion sitting on a Mettler electronic balance. Fuel feed pumps are visible to the left.



Ph.G.4 - This photograph shows the video screen of the computer displaying the many variables measured by the instrumentation as well as the selectable control functions along the bottom of the screen (inverse video).



Ph.6.5 - Another view of the video monitor with the PLOT function selected, displaying the cylinder pressure and needle lift traces.