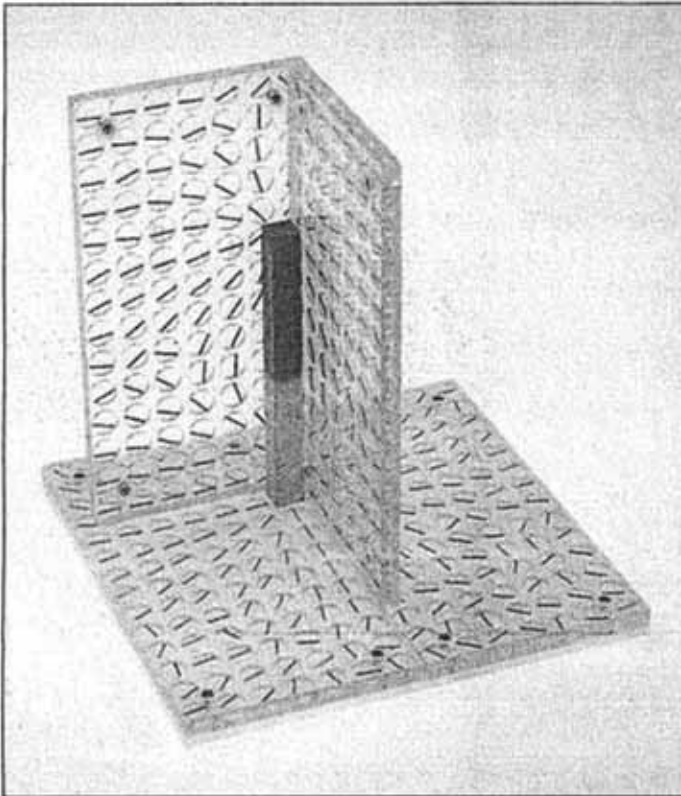


## Magnetic Field Dem. kit



### Magnetic Field Demonstrator

Elegant and easy to use – no messing about with iron-fillings. The perfect aid for clearly revealing the magnetic field lines in 1, 2 or 3 dimensions. Equally suited for demonstration purposes and students experiments.

A number of unique experiments can now be performed with this new Magnetic Field Demonstrator kit. The kit comprises 4 plastic plates which in total, contain 376 small 8 mm magnetic pins. Dimensions of each plate 153 x 77 x 6 mm. The plates are transparent which means that experiments can be visually displayed by means of an overhead projector. The kit may be utilized exactly as you like, each plate separately or 2, 3, and 4 covering a larger area. For 2- og 3-dimensional demonstrations simply set as many as required on end.

zu beziehen bei

sold by

[www.conatex.com](http://www.conatex.com)



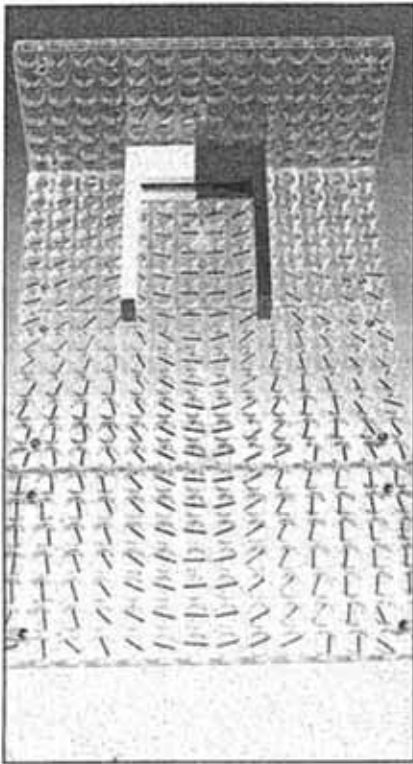


Fig. 1

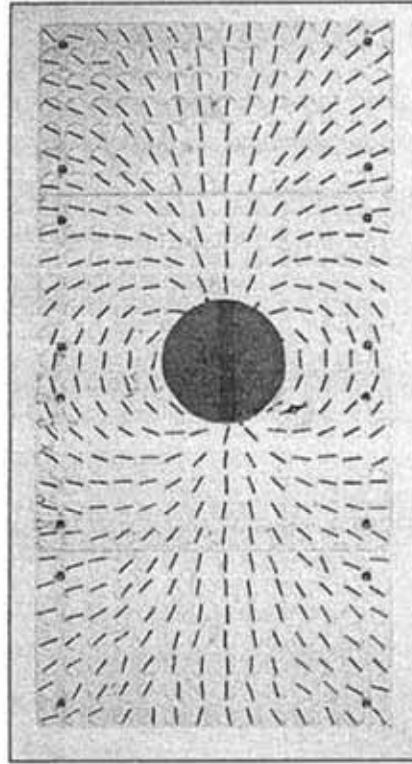


Fig. 2

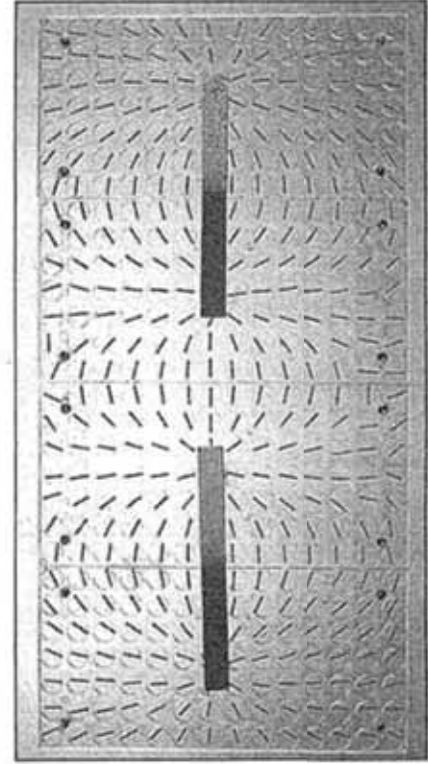


Fig. 3

In addition to the traditional experiments (fig. 3) a number of interesting phenomena may be demonstrated by means of the Magnetic Field Demonstrator kit, such as magnetic fields with several layers (fig. 1), the magnetic field of the earth (fig. 2) and the magnetizing process (figs. 4 & 5).

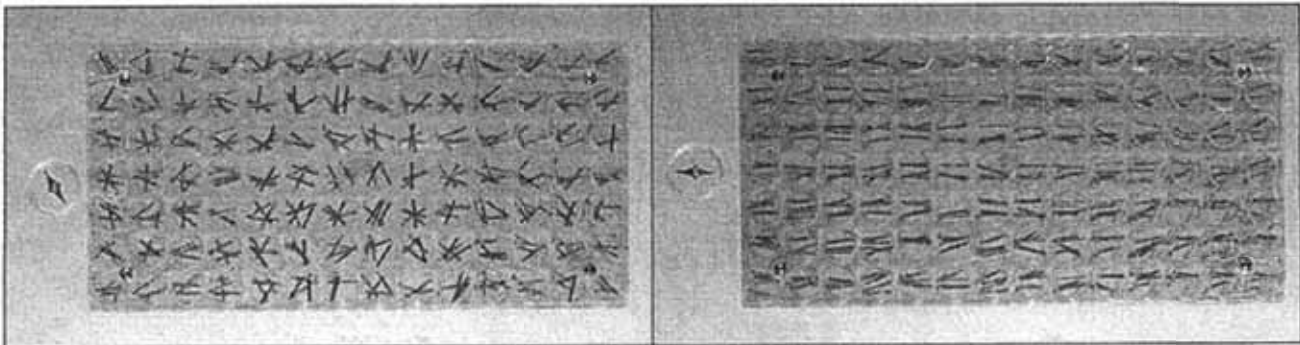


Fig. 4

Fig. 5

In the latter experiment, 4 plates are stacked and their combined 376 magnetic pins represent elementary magnets in a demagnetized piece of steel. A bar magnet is drawn over the plates and the magnetic pins then form a unidirectional field pattern with North and South poles (fig. 5). Test with a magnetic needle. By shaking or knocking the "magnet" it becomes demagnetized and the magnetic pins (elementary magnets) form a random pattern (fig. 4).