

AccessionIndex: TCD-SCSS-T.20121208.111

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Object name: Casio fx-3000 Scientific Calculator

Vintage: c.1977

Synopsis: Early example of use of LCD display in scientific electronic calculator.

S/N: ???.

Description:

The fx-3000 Scientific Calculator is an early example of the use of an LCD display in a scientific electronic calculator, which greatly reduced power consumption and hence increased battery life and/or reduced weight (by reducing the necessary battery size).

The fx-3000 was made by Casio in Japan. It had a 10-digit yellow LCD display, and had 4 memories and 39 scientific functions, including *Pi*, inverse, square-root, logs, powers, trigonometric, factorial, hyperbolic, statistical and memory functions. It could be mode-switched between degrees, radians and grads. It is said to have used the NEC uPD895G microprocessor. It consumed 1.5mW at 4.5V from 3 x 1.5V button-cell batteries. It was thin and light, measuring 134 x 69 x 9mm and weighing 78g.

The fx-3000 in this collection includes its carrying case and its original packaging.

Trivial1: Casio is the anglicised surname of its founding engineer Tadao Kashio

Trivial2: Casio made their first relay-based calculator in 1954

| Accession Index | Object with Identification |
|-----------------------------|---|
| TCD-SCSS-T.20121208.111.001 | Casio fx-3000 Scientific Calculator. S/N: |
| TCD-SCSS-T.20121208.111.002 | Casio fx-3000 Scientific Calculator carrying case. S/N: |
| TCD-SCSS-T.20121208.111.003 | Casio fx-3000 Scientific Calculator original packaging. S/N: |
| | |

References:



Figure 1: Casio fx-3000 Scientific Calculator front view



Figure 2: Casio fx-3000 Scientific Calculator rear view



Figure 3: Casio fx-3000 Scientific Calculator rear view



Figure 4: Casio fx-3000 Scientific Calculator front view in case



Figure 5: Casio fx-3000 Scientific Calculator packaging front view