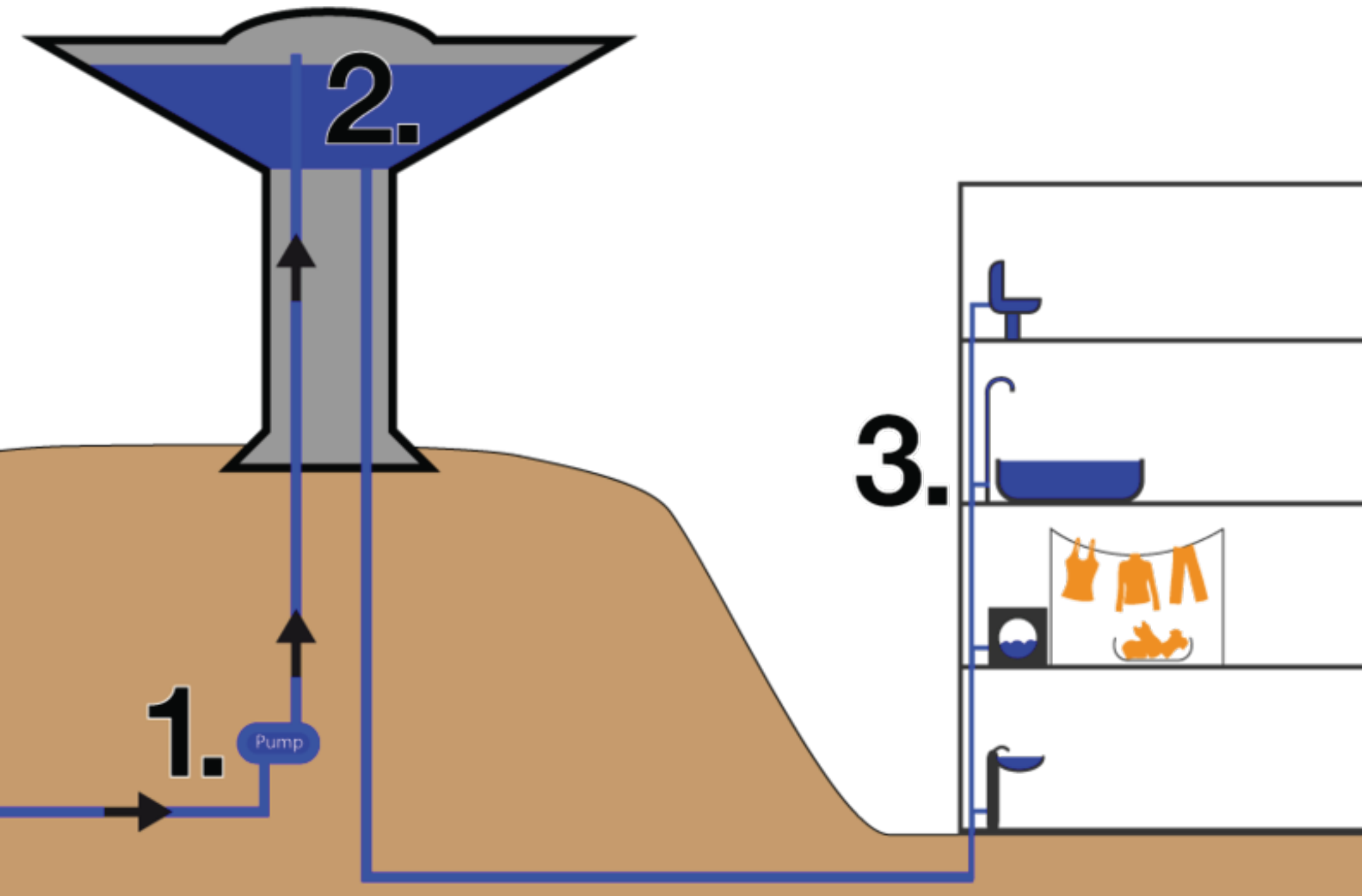
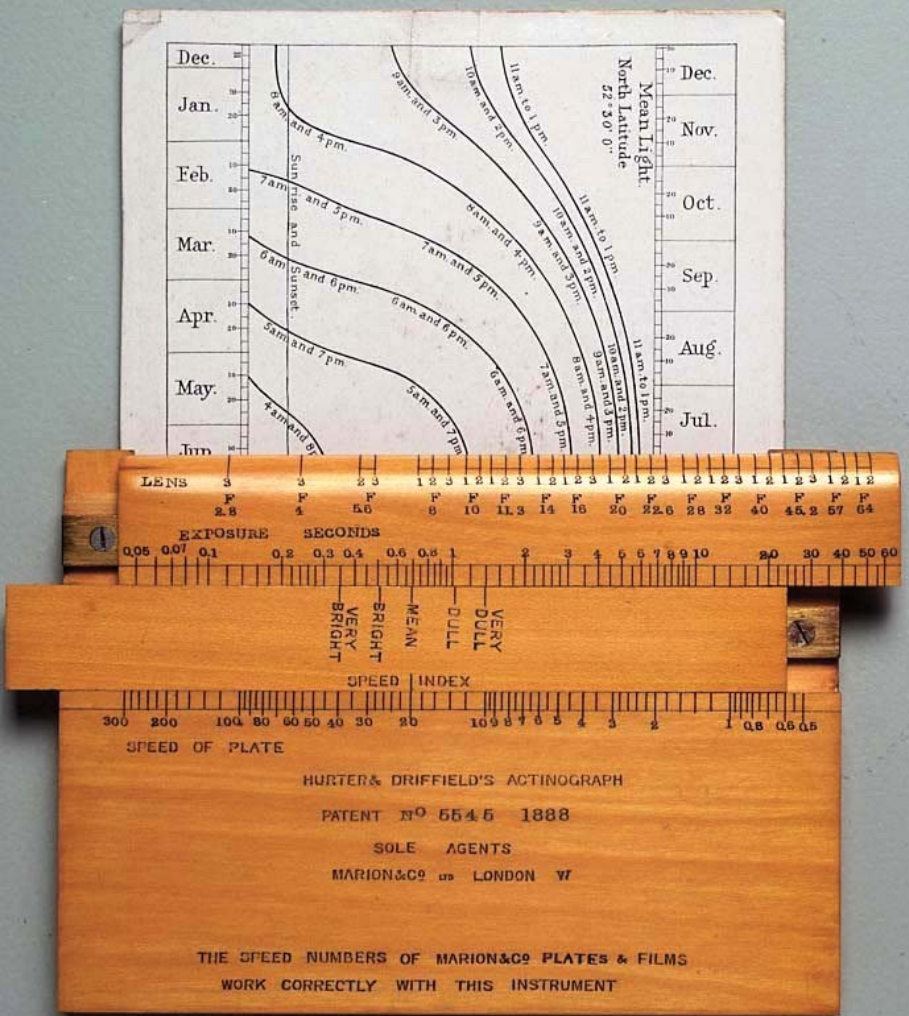


Rainwater
as signal and power.



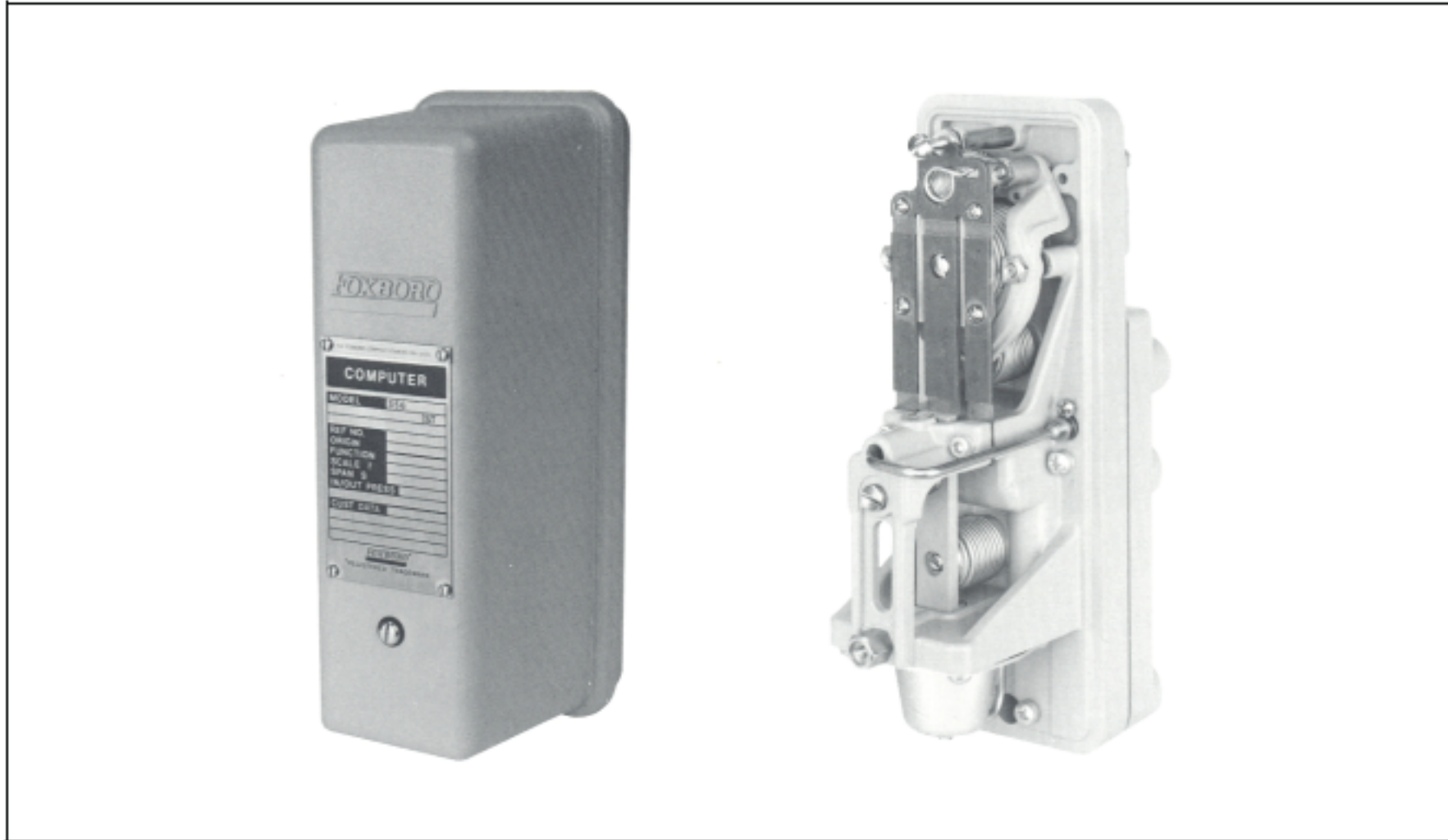




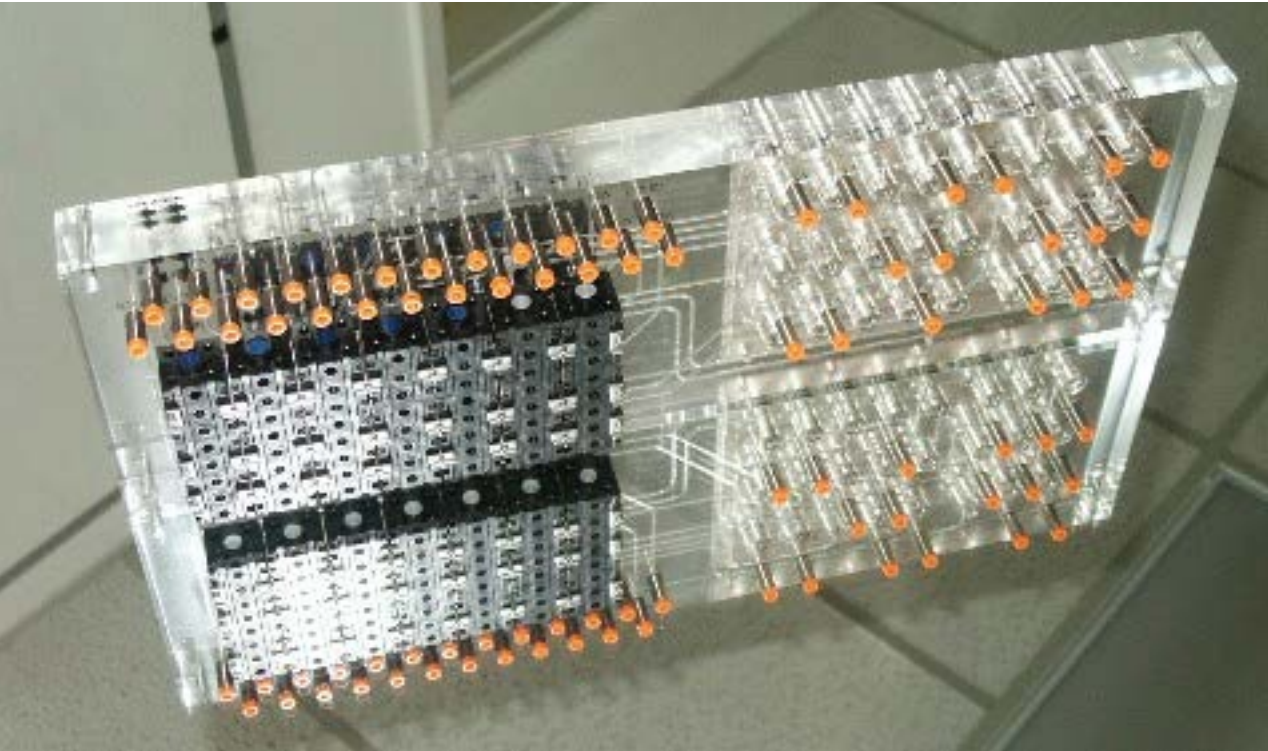


Analog Computing.

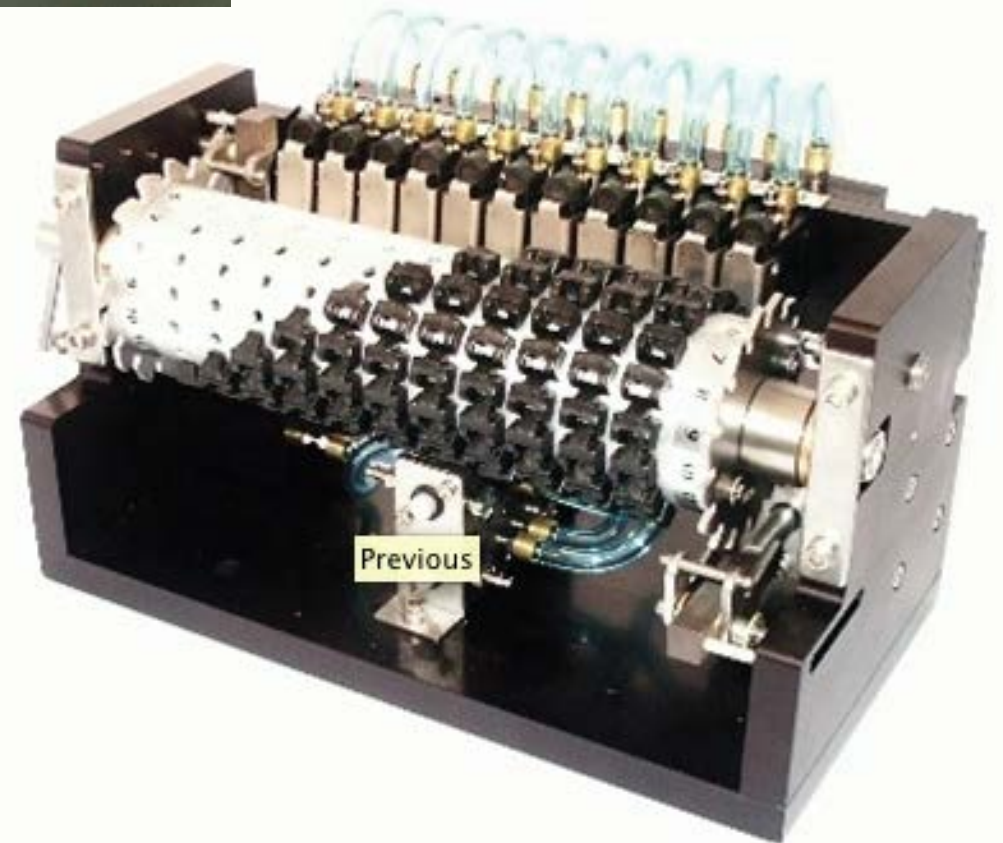
556 Series Pneumatic Analog Computer



The 556 Series Analog Computers receive pneumatic signals and provide a pneumatic output signal proportional to a mathematical function of the input signals. The functions performed are multiplication, division, squaring, or square root extraction.



Fluidic Computing.



	OR	NOT	NAND	NOR	FLIP-FLOP	MEMORY (OFF RETURN)	DIFERENTIATOR (SINGLE SHOT)	ON DELAY (TIMING IN)
All out on.	Output if any one of the control inputs is on.	Output is single control input signal is off.	No output if all control input signals are on.	Output if all control input signals are off.	Signal turns one output on and the other output off.	Momentary (S) input produces output until reset (R).	Signal on produces output pulse.	Delayed input produces output.
	$() + ()$	$()$	$() \cdot ()$	$() + ()$				

Logic in fluid



Quantisorb - divine dumpster



Graham Stevens 'Atmosfield' 1970 and 'Desert Cloud' 1972

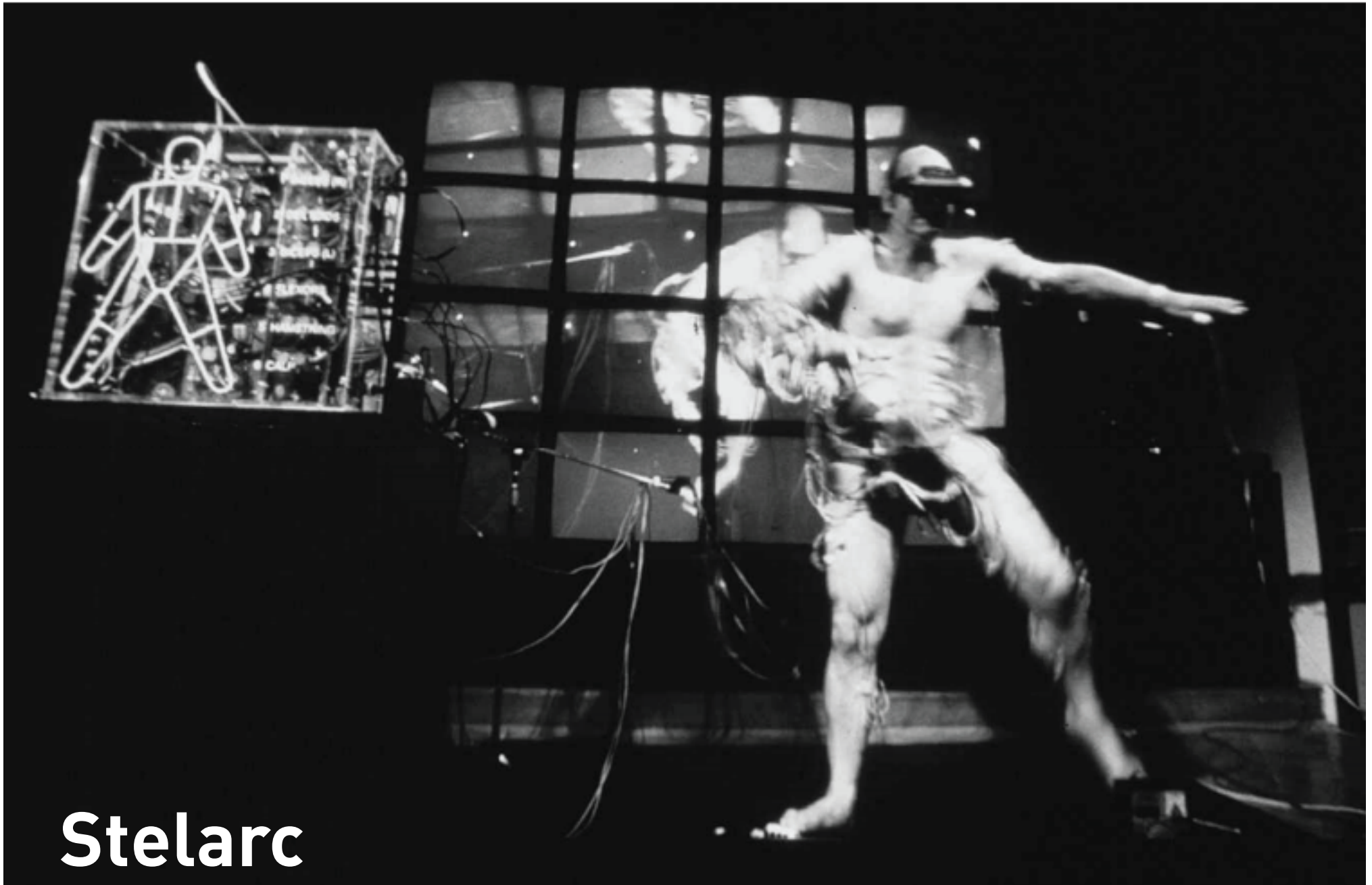
Enormous inflatables maintain a demanding presence physically.



Otherlabs's inflatable robot



Giant Robot - scale reference



Stelarc

Explores limits of human body and tech



The Toaster Project

Explores disparity between understood technology and manufactured technology



Project Paradise

Explores humanistic aspects of robotic control. Gestures as involuntary. Corruptibility of intent.

Rainwater powered/controlled large inflatable humanoid robot



Project Planning

Milestone 1: 3/7 —Working prototype of a protagonist and a fluidic controller

Milestone 2: 3/19—Complete Controller

Milestone 3: 4/2 — Complete protagonist

Due : 4/16—Polish and shine