

SEPARATION PROCESS LAB

S. No.	Equipment	Make & Model	Manufacture	Qty
1	Tray Drier	UOP8-A	Armfield	1
2	Distillation Column	UOP3CC	Armfield	1
3	Bench Top Cooling Tower	H892	P.A Hilton Ltd.	1

TRAY DRIER



This small scale tray drier dries solids by passing a stream of hot air over trays of wet material, a method commonly used in industry.

The unit is applicable to the Unit Operations laboratory of educational establishments and also to Food Technology education and research.

RECOMMENDED ACCESSORIES

Stop clock

SERVICES REQUIRED

Electrical supply:

UOP8-A: 220-240V/1ph/50Hz

UOP8-B: 120V/1ph/60Hz

UOP8-G: 220V/1ph/60Hz

OVERALL DIMENSIONS

Height: 1.40m

Length: 2.95m

Depth: 0.73m

SPECIFICATION

Volume: 1.4m³

Gross weight: 220kg

UOP3 DISTILLATION COLUMNS



A continuous or batch operation, computer-compatible column (model reference UOP3CC) which allows a full range of demonstrations from the introductory stages of a process engineering course through to the more complex demonstrations of modern control strategies.

SPECIFICATION

Volume: 3.5m³
Gross weight: 450kg

OVERALL DIMENSION

UOP3CC	Process unit	Console
Height:	2.25m	0.42m
Width:	0.85m	0.52m
Depth:	0.80m	0.40m