

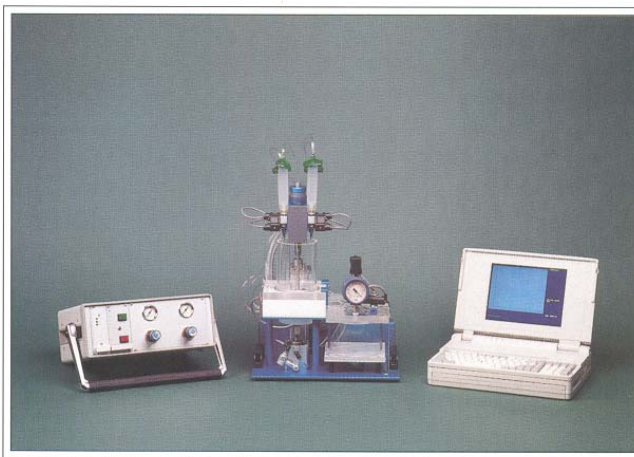
## The Dynamic Drainage Analyser

### State-of-the-art drainage measurements

Optimum drainage and retention are key quality and productivity issues in paper making. Addition of the right amount of the right chemical at the right time will increase both productivity and paper quality. Of course, higher cost efficiency of the additives will be a positive side-effect of optimum drainage.

The Dynamic Drainage Analyser is built to simulate the hydrodynamic conditions prevailing in a modern paper machine. The computer controlled addition of chemicals and shear conditions makes it specifically suitable to study the effect of contact times between furnish and chemicals.

The computer allows you control the addition of up to 4 different chemicals at the time of your choice.



*The Dynamic Drainage Analyser*

The Dynamic Drainage Analyser is very easy to handle and maintain. The menu driven Windows based software gives you full control of the drainage process. The drainage time and sheet porosity are measured and retention and dry solids can be calculated from your experiment. Easy storage and retrieval of data for further processing is a natural consequence of the use of a computer.

The DDA is used to study other drainage processes as well, such as the effect of chemicals on felt washing and sludge dewatering.

The size, weight and sturdy construction makes the DDA suitable for state-of-the-art laboratory work in mill environments, especially if equipped with a lap top computer.

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### Technical data

To operate, the DDA needs oil-free compressed air of at least 4 bars pressure and two (or more depending on computer) electrical sockets.

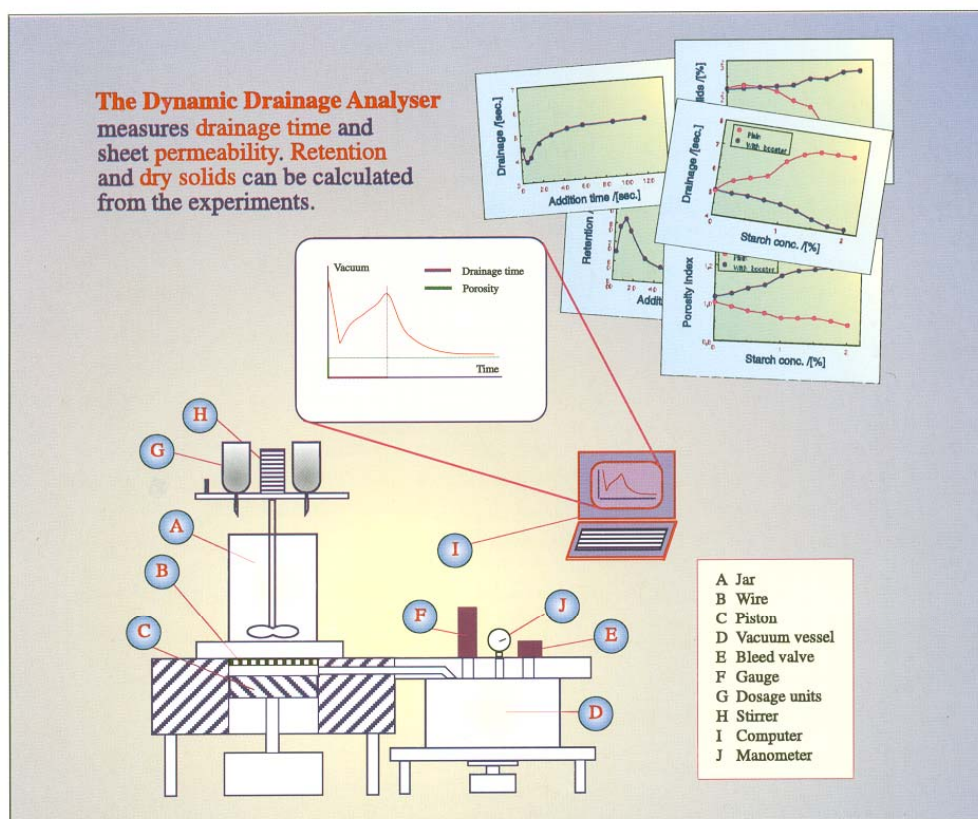
<b>Drainage unit</b>		<b>Electronics box</b>		<b>Computer</b>
Size	Weight: 14.2 kg	Size	Weight: 8.6 kg	Depending on choice!
Height:	490 mm	Height:	140 mm	
Length:	400 mm	Length:	360 mm	
Depth:	300 mm	Depth:	320 mm	

Users are paper mills, suppliers, research institutes and universities:

### User list, spring -96

AssiDomän	Sweden	Lyckeby Stärkelsen	Sweden
AVEBE b.a.	The Netherlands	Metsä-Serla OY	Finland
EKA Nobel AB	Sweden	Nalco Chemicals AB	Sweden
GRACE Dearborn	Belgium	Nalco Chemicals	U.S.A.
Helsinki Tech. Univ.	Finland	Plüss-Stauber AG	Schweiz
Hercules	The Netherlands	PTS, München,	Germany
KCL	Finland	PTS, Heidenau	Germany
Kemira OY	Finland	STORA Teknik	Sweden
Kymi Reserch Center	Finland	YKI	Sweden

Send for complete list !!



For more information  
please contact

**AKRIBI**

AB Akribi Kemikonsulter  
Högalidsgatan 26  
S-856 31 Sundsvall, Sweden

Ab Akribi Kemikonsulter  
Tel: +46 60 66 49 50  
Fax: +46 60 66 49 50  
office@aak.se  
www.aak.se