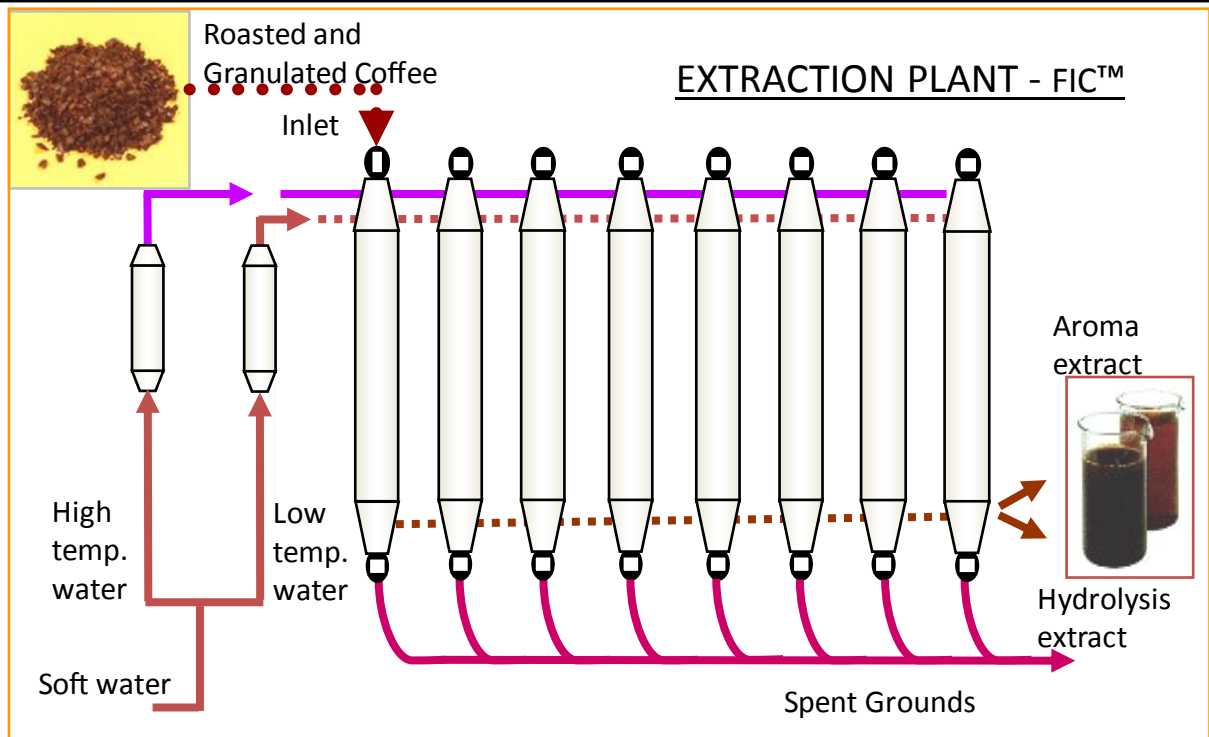


Extractor – Type FIC™





Extraction

GEA Niro's new and unique Fast Instant Coffee (FIC™) extractor is a continuous system that features automated multi-extraction percolators. Fully integrated with PC/PLC (Programmable Logic Controller) system, the FIC™ yields a uniform extract quality.

Short Extraction Time - Superior Aroma Profile

The FIC™ extractor reduces the extraction time by 50%. Water is directed through the ground coffee in two stages. The process results in two completely separate extract fractions, aroma and hydrolysis. The FIC™ extractor gives a superior aroma profile, which is ideal for high quality convenient coffee production.

After the process is completed, the extract is filtered and centrifuged. The layout of the percolator columns gives a compact design and reduces space requirements compared to standard battery extraction units.

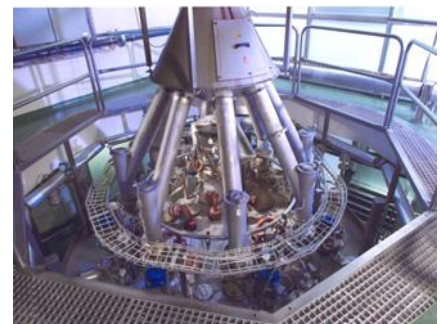
High Yield

GEA Niro's extractors are designed to process a variety of coffee types as efficiently as possible. This gives the customer unparalleled flexibility and the highest obtainable yield.

Examples of FIC™ Performance

Coffee Type:	100% Robusta	100% Arabica
Extraction Yield*	% 53	% 47

* Based on Dry Matter



Standard Sizes

FIC-125, FIC-250, FIC-500, FIC-1000
Capacity, kg soluble solids output/h:
125, 250, 500, 1000



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