Comparison Guide

cem.com/**mars-6-vessels**

	MARSXpress	MARSXpress Plus	EasyPrep Plus	iPrep
Features	· IR compatible · iWave compatible	· Can be used with any CEM temperature control option	· Can be used with any CEM temperature control option	· 2X sample size · iWave compatible
Pressure/Temperature	Medium	Medium	High	Very High
Throughput	High	High	Moderate	Moderate
Batch Capacity	40	24	12	16
Volume Options	10 mL / 20 mL / 55 mL / 75 mL	110 mL	100 mL	110 mL

Typical Sample Sizes

	MARSXpress	MARSXpress Plus	EasyPrep Plus	iPrep
Environmental Solids	0.5	0.5	0.5	0.5
Foods (dry weight)	0.5	0.6	1.0	2.0
Infant/Geriatric Formula (dry weight)	0.5	0.5	1.0	2.0
Pharmaceutical	0.25	0.3	0.5	1.0
Nutraceutical	0.5	0.6	1.0	2.0
API with Aromatic Rings	N/A	N/A	0.2	0.5
Plant Tissue	0.5	0.6	1.0	2.0
Animal and Fish Tissue	0.5	0.6	1.0	2.0
Feeds and Fertilizer	0.5	0.6	1.0	2.0
Filter (paper & cellulose)	0.25	0.5	0.7	2.0
Toray (anion/cation) Filter	N/A	N/A	N/A	0.4 (1 filter)
Waste Oil	0.1	0.1	0.25	0.5
Bunker Oil	N/A	N/A	N/A	0.25
Nylon	0.25	0.3	0.5	0.75
Polypropylene	0.2	0.3	0.5	0.75
PET	N/A	N/A	0.1	0.4
Kevlar	N/A	N/A	0.2	0.5
Pigments & Toner	N/A	N/A	0.25	0.4
Coal	N/A	N/A	0.3	0.3
Alpha Alumina	N/A	N/A	0.5	0.5
Stainless Steel	N/A	N/A	0.5	0.5
SiO$_2$	N/A	N/A	0.5	0.5

Need help? Get expert advice. cem.com/contact