LemnaTec Product Matrix

LemnaTec offers imaging and image processing technologies for several applications that suit for low to high throughput in laboratory, greenhouse or outdoor environments. Technologies are adapted to various sample types and can be combined with automation. All imaging systems are combined with dedicated image processing software, including user-programmable functions and machine learning.

My Sample is	My work environment is			
	Lab, manual, low throughput	Lab, (semi)automated, high throughput	Demand for cameras beyond RGB	Installation for greenhouse, growth room
Arabidopsis or similar size seedling	PhenoAIxpert	HyperAIxpert	HyperAIxpert, PhenoAIxpert HSI	PhenoAIxpert HT
Potted upright growing plants	PhenoAIxpert Pro	PhenoAIxpert HTC	PhenoAIxpert HTC	PhenoAIxpert HT
Roots	PhenoAIxpert Pro, rhizotron version	–	–	PhenoAIxpert HT, rhizotron version
Bio-luminescent sample	PhenoAIxpert ES	–	–	–
Material in MTPs, Petri dishes	PhenoAIxpert	HyperAIxpert	HyperAIxpert, PhenoAIxpert HSI [1]	–
Detached plant parts	PhenoAIxpert	HyperAIxpert	HyperAIxpert, PhenoAIxpert HSI [1]	–
Insects, larvae	PhenoAIxpert	HyperAIxpert	HyperAIxpert, PhenoAIxpert HSI [1]	–
Seeds, Seedlings	SeedAIxpert	SeedAIxpert HTC	HyperAIxpert HSI [1]	SeedAIxpert HT
Plants in ground soil or on tables	–	PhenoCam [1]	–	Indoor: CanopyAIxpert, PhenoCam [1] Outdoor: Field Scanalyzer, PhenoCam [1]
Duckweed	PhenoAIxpert	HyperAIxpert	HyperAIxpert, PhenoAIxpert HSI [1]	–
Collembola	PhenoAIxpert	–	–	–

[1] coming soon

Do you still have questions or would you like a non-binding consultation?
Please feel free to contact us.

Email: info@lemnatec.com
Phone: +49 2408 981850