

## SKID-MOUNTED FLARE GAS RECOVERY SYSTEM (FGRS)

THE SKID-MOUNTED FLARE GAS RECOVERY SYSTEM IS APPLIED TO RECOVER THE FLARE OF ALL KINDS OF OIL & GAS WELL OR TO RECOVER THE SMALL GAS WELL WHICH CONTAINS MORE HYDROCARBON SUCH AS C3 AND ABOVE. THIS SYSTEM UTILIZED THE CRYOGENIC LIQUEFACTION AND SEPARATION TECHNOLOGY TO PURIFY, LIQUEFY AND SEPARATE THE FEED GAS, AND GETS TWO PRODUCTS: DRY GAS AND LIQUID HYDROCARBON MIXTURE. IN WHICH THE DRY NG CAN BE SENT TO PIPELINE FOR LONG DISTANCE DELIVERY OR TO BE COMPRESSED AS CNG, OR LIQUEFIED INTO LNG TO BE DELIVERED. THE LIQUID MIXED HYDROCARBON CAN BE SOLD TO OIL REFINERY AS RAW MATERIAL.





## PRODUCT PARAMETERS

CAPACITY 10 <sup>4</sup> NM <sup>3</sup> /D	1.5	3.0	6.0	8.0	14.0
OPERATION RANGE 10 <sup>4</sup> NM <sup>3</sup> /D	0.75~2.25	1.5~3.6	4.5~6.5	4.0~9.0	8.0~15.0
PROCESS CRAFT	DEHYDRATION AND HYDROCARBON RECOVERY				
PRODUCT	DRY GAS + MIXED HYDROCARBON ( CNG/ TO THE PIPELINE)				
DRY GAS	< 1PPM				
C3+RECOVERYRATE %	> 80% ( IT CAN BE FURTHER INCREASED ACCORDING TO USER'S REQUIREMENT) REQUIREMENT)				
APPLICABLE ENVIRONMENT TEMPERATURE	-40~50				
INLET PRESSURE MPA	0.1~10.0				
OUTLET DRY GAS PRESSURE MPA	4.0~23.0				
MIXED HYDROCARBON STORAGE TANK PRESSURE MPA	2.5				
EXPLOSION PROOF LEVEL	EXD II BT4				
CONTROL METHOD	PLC + UPPER MACHINE				
DIMENSION OF SKID MM	(8,000~17,000) X 3500 X 3000				
<p>NOTE:            ABOVE MENTIONED PARAMETERS ARE FOR NORMAL STANDARD PRODUCT,            WE CAN ALWAYS CUSTOMIZE OUR PRODUCT ACCORDING TO USER'S REQUIREMENT.</p>					

